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Transistor Specifications Manual

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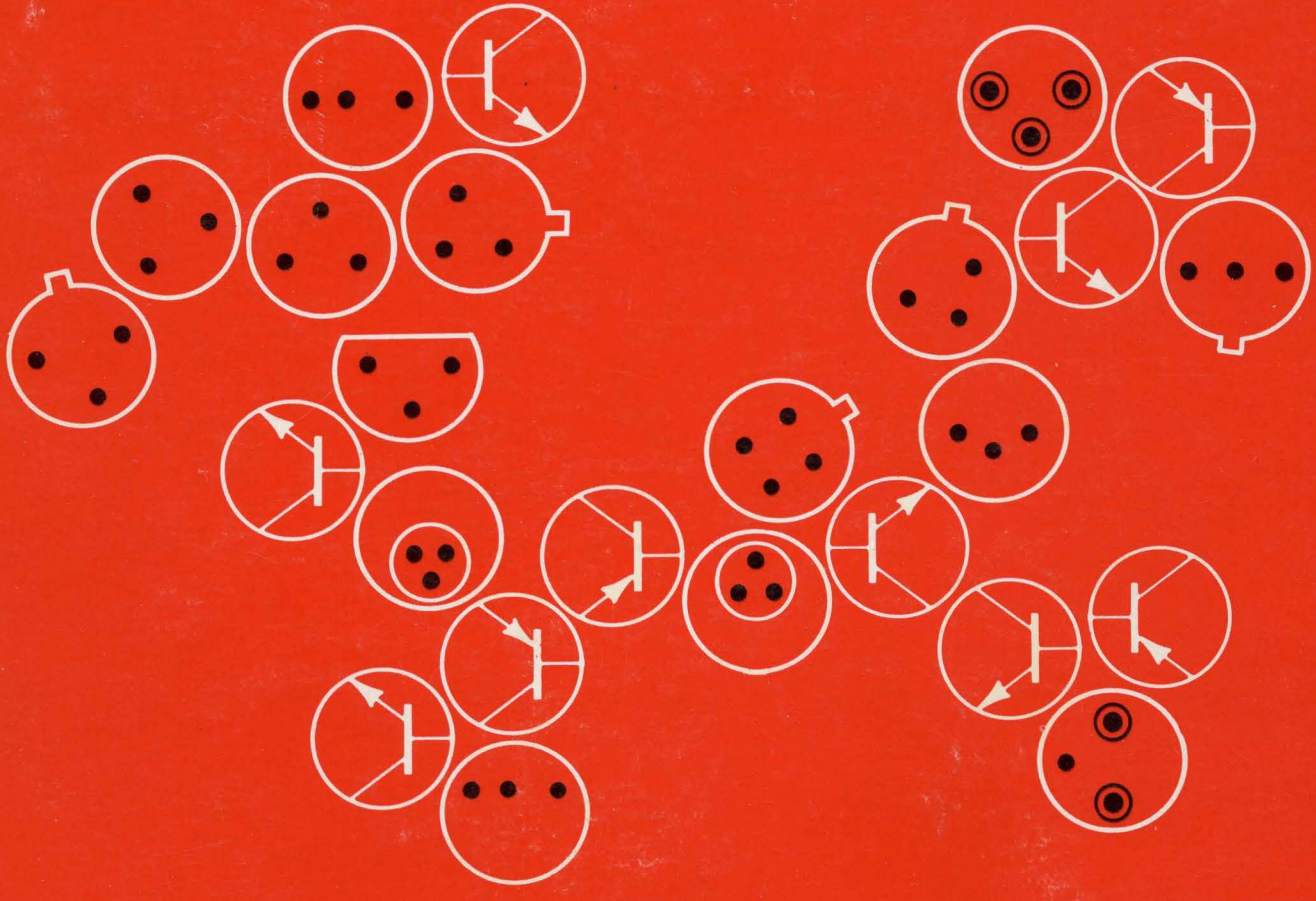

TRANSISTOR SPECIFICATIONS MANUAL

by

The Howard W. Sams

Engineering Staff

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PREFACE

In the time since the first transistors were made available, the total number of types has increased tremendously. Many of these transistors are no longer on the market; many were produced with no type numbers and others by manufacturers no longer producing transistors. When these types are encountered in older equipment, it is usually difficult, if not impossible, to locate transistor specifications. There is one redeeming factor in all of this confusion: in most cases a transistor can be chosen to replace one of these obsolete types by estimating voltage, current, wattage, and frequency response and then selecting a transistor from the types available.

This manual contains three principal sections designed to provide a maximum of information about the transistor: a specifications section, a lead identification section, and an outlines section. The specifications section is composed of the electrical data that will be required for most applications. These are voltage, power, current, and temperature limits that should not be exceeded, as well as polarity, leakage, gain, and frequency parameters that determine how the transistor will function in the circuit. The manufacturers of the transistor are listed to provide a market-source for the units and to act as a guide to obtain further information. Reference numbers are supplied in this section to key the transistor type to the associated Lead and Terminal Identification section and to the Transistor Outlines section.

This edition has a special listing of specifications for rf power transistors. In addition to other information, the design parameters for rf operation are given: G_{PE}, P_{OUT}, frequency, V_{CC}, and efficiency. Type numbers are included in the main specifications section with a note referring you to this special section. A Key to Manufacturers is provided following this special listing.

The Lead and Terminal Identification section supplies the physical arrangement of the leads and identifies each as to whether it is collector, emitter, or base. The outlines section contains drawings of the physical shape and includes all pertinent physical dimensions. This section is of considerable help in determining whether a transistor will fit into a desired physical area.

An interesting aspect of transistors is the wide range of physical sizes. Transistor sizes range from pinhead to golf-ball dimensions, and the wattage and current ratings do not always reflect this size. For example, there are transistors in TO-46 cases (0.23 inch in diameter, 0.09 inch high) that are rated at 5 watts. This, of course, assumes that the temperature of the case will be maintained at 25°C by means of a suitable heat sink. Among the types with higher ratings (up to 150 watts) are those in TO-82 cases (1.28 inches in diameter by 0.55 inch high).

For additional information about a particular section of this manual, refer to the introduction at the beginning of each section. Page numbers are listed on the Contents page.

In this specifications manual we have attempted to supply the essential electrical and physical data needed by anyone working with transistors.

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TRANSISTOR SPECIFICATIONS

KEY TO MANUFACTURERS

ADV—Advance Research Association
AEI—Associated Electrical Industries (England)
AMC—Ampower Semiconductor Corp.
AME—Advance Micro-electronics, Inc.
AML—Amelco Semiconductor Division, Teledyne, Inc.
AMF—American Machine & Foundry Co., Leland Airborne Products Div.
AMP—Amperex Electronics Corp.
BEN—Bendix Corp., Semiconductor Div.
CBS—CBS Electronics
CDC—Continental Device Corp.
CLE—Clevite Transistor Corp.
CRY—Crystalonics
CSF—Compagnie Generale de T.S.F. (France)
CSR—CSR Industries, Inc., Semiconductor Div.
CTR—Communications Transistor Corp., Affiliate of Eimac/Varian
DEL—Delco Radio Div., General Motors Corp.
EBA—Ebauches S.A. (Switzerland)
ETC—Electronics Transistor Corp.
FER—Ferranti Ltd. (England)
FSC—Fairchild Semiconductor Div., Fairchild Camera and Instrument Corp.
GEC—General Electric Co., Semiconductor Products Dept.
GIC—General Instrument Corp.
GPD—Germanium Power Devices Corp.
GSE—General Semiconductor Industries, Inc.
GTC—See GIC
HIT—Hitachi Ltd. (Japan)
HUG—Hughes Aircraft Co., Microelectronics Div.
IMG—Intermetall (Germany)
INR—International Rectifier
ITC—Industro Transistor Corp.
ITT—ITT Semiconductors
KEL—Kyodo Electronic Laboratories, Inc. (Japan)
KER—Kertron, Inc.
KSC—KSC Semiconductor Corp.
MAL—P.R. Mallory & Co., Inc.
MAT—Matsushita Electronics Corp. (Japan)
MHR—Honeywell, Military Products Group
MOT—Motorola Semiconductor Products, Inc.
MSC—Microwave Semiconductor Corp.
MUL—Mullard Overseas Ltd. (England)
NEC—Nippon Electric Co. Ltd. (Japan)
NKT—Newmarket Transistor Ltd. (England)
NOE—Northern Electric Co.
NSC—National Semiconductor Corp.
OKI—OKI Electric Industry Co., Ltd. (Japan)
PHF—Philco-Ford Corp.
PHL—Philco
PHN—Philips Gloeamperfabrieken (Netherlands)
PPC—Power Physics Corp.
RAD—La Radiotechnique (France)
RAY—Raytheon Co., Semiconductor Div.
RCA—Radio Corporation of America, Electronic Components & Devices
SAN—Tokyo Sanyo Electric Co., Ltd. (Japan)
SEJ—Shindengen Electric Manufacturing Co., Ltd. (Japan)
SEM—Semitronics Corp.
SEN—Sensitron Semiconductor
SES—Societe Europienne des Semiconducteurs (France)
SIH—Siemens and Halske Aktiengesellschaft (Germany)
SOL—Solitron Devices, Inc.
SON—Sony Corp. (Japan)
SPC—Solid Power Corp.
SPR—Sprague Products Co.
SSD—Sperry Semiconductor
SSP—Solid State Products, Inc.
STC—Silicon Transistor Corp.
STI—Semiconductor Technology, Inc.
SYL—Sylvania Electric Products Inc., Semiconductor Div.
TAD—Tadiran (Israel)
TEC—Transitron Electronic Corp.
TFK—Telefunken Gmbh. (Germany)
TII—Texas Instruments, Inc.
TIL—Texas Instruments Ltd. (England)
TOS—Toshiba America, Inc.
TRW—TRW Semiconductors, Inc.
TSE—Tung-Sol Electric, Inc.
WHE—Westinghouse Electric Corp., Semiconductor Div.
WTV—Workman Electronic Products, Inc.
ZEN—Zenith Components & Accessories Div.

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}	Gain h_{FE} @ I_C(A)
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)				

Where + sign follows type number, it signifies a transistor with same type number but slightly different specifications (usually case style).

Type number in italic type (e.g. *2N52*) signifies an obsolete transistor.

N = NPN
P = PNP
G = Germanium
S = Silicon

Numbers = Lead and Terminal Identification.

If no JEDEC is shown, dimensions are found in Transistor Outlines (nonregistered) section.

TO numbers refer to Registered Transistor Outlines.

Key to Manufacturers

M.P. 2N224 = a matched pair of 2N224's

SEE 2N = Cross reference from an obsolete type to one with equal or higher specifications

Typical value of current gain for common emitter configuration at current shown.

Current between collector and base with the emitter open, at voltage shown.

MA = milliamperes
μA = microamperes
NA = nanoamperes

Frequency in megahertz. Transistor will operate at this frequency or higher.

Conditions:

B = f_{ab} (common base cutoff frequency)
E = f_{ae} (common emitter cutoff frequency)
G = f_t (gain-bandwidth product)
F = f_{osc} (maximum frequency of oscillation)

Abbreviations when type of service is indicated.

AM IF	= IF Amplifier in AM Radio
AUD	= Audio
CON	= Converter
FM IF	= IF Amplifier in FM Radio
HF	= High Frequency
HOR AMP	= Horizontal Amplifier
HS	= High Speed
LS	= Low to Medium Speed
MS	= Medium Speed
RF AMP	= RF Amplifier
SW	= Switch
UHF OSC	= UHF Oscillator
VID	= Video
VID AMP	= Video Amplifier

Maximum voltages that cannot be exceeded without permanent damage to the transistor.

V_{CB} = Collector-to-base voltage with emitter open

V_{CE} = Collector-to-emitter voltage (base open, if no subscript indicated)
R = Resistor between emitter and base
S = Short between emitter and base
X = B-E junction forward biased

V_{EB} = Emitter-to-base reverse voltage with collector open

Maximum operating temperature (°C)

Conditions:

A = Ambient
C = Case
J = Junction

Maximum power that can be dissipated at 25° C ambient for low-power types (A) 25° case temperature for high-power types (C), or at elevated case temperature (H).

Maximum continuous collector current.

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2A	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	AUD		2MA	40	3	
2B	SEE 2N52																
2C	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	2.000	B	1MA	15	3	
2D	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	2.000	B	1MA	40	3	
2E	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	AUD		1MA	40	3	
2F	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	5.000	B	1MA	15	3	
2G	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	10.000	B	1MA	15	3	
2N28	NG		WEC	30	20	20.0	.080	.120	A	100	A	AA PWR	B	15μA	30		
2N29	NG		WEC	35	35	20.0	.100	.120	A	100	J	2.000	B	15μA	35		
2N34	PG 210	5	ETC	40	25R		.100	.150	A	75	J	.500	B	50μA	40	56	.001
2N34+	PG 10	22	RCA	40	25		.100	.150	A	75	J	.400	G	50μA	40	75	
2N34A	PG 210	5	ETC,STI	40	25R		.100	.150	A	75	J	.600	B	100μA	40	66	.001
2N35	NG 210	5	ETC,STI	40	25R		.100	.150	A	85	J	1.000	B	50μA	40	56	.001
2N35+	NG 10	22	SYL	40	25R	10.0	.100	.180	A	85	J	.200	G	50μA	40	70	
2N36	PG 210	5	ETC	20	20		.008	.050	A	75	J	AUD		10μA	20	50	.001
2N36+	PG 10 E		CBS	20			.008	.050	A	50	A	AUD				44	
2N37	PG 210	5	ETC	20	20		.008	.050	A	75	J	AUD		10μA	20	30	
2N38	PG 210	5	ETC	20	20		.008	.050	A	50	J	AUD		10μA	20	20	.001
2N38+	PG 10 E		CBS	20			.008	.050	A	50	A	AUD				16	
2N43	PG 210	5	ETC	45	30R	5.0	.300	.240	A	85	J	1.300	B	16μA	45	40	.020
2N43+	PG 57 B		GEC	45	30	5.0	.300	.500	A	85	J	.500	G	16μA	45	44	
2N43A	PG 210	5	ETC,STI	45	30R	5.0	.300	.240	A	85	J	1.300	B	16μA	45	40	.020
2N43A+	PG 57 B		GEC	45	30R	5.0	.300	.240	A	85	J	1.300	B	16μA	45	40	.020
2N44	PG 210	5	ETC	45	30R	5.0	.300	.240	A	85	J	1.000	B	16μA	45	30	.020
2N44+	PG 57 B		GEC	45	30	5.0	.300	.150	A	85	J	.500	B	16μA	45	30	
2N44A	PG 210	5	ETC,STI	45	30R	5.0	.300	.240	A	85	J	1.000	B	15μA	45	30	.020
2N45	PG 210	5	ETC	45	30	5.0	.010	.150	A	85	J	1.000	B	15μA	45	16	.001
2N45+	PG 57 B		GEC	45			.050	.150	A	100	J	.500	B	15μA	15	15	
2N45A	PG 210	5	ETC,STI	45	30	5.0	.010	.150	A	85	J	1.000	B	15μA	45	22	.001
2N52	PG 1 A		CLE	50		50.0	.008	.120	A	50	A	2.000	B	2MA	40	3	
2N59	PG 210	5	ETC,WEC	25	20	10.0	.200	.180	A	85	J	.900	B	15μA	20	90	
2N59A	PG 210	5	ETC,WHE	40	20	10.0	.200	.180	A	85	J	1.800	B	15μA	20	90	
2N59B	PG 210	5	ETC,WHE	50	20	10.0	.200	.180	A	85	J	1.800	B	15μA	20	90	
2N59C	PG 210	5	ETC,WHE	60	20	10.0	.200	.180	A	85	J	1.800	B	15μA	20	90	
2N60	PG 210	5	ETC,WEC	25	20	10.0	.200	.180	A	85	J	1.500	B	15μA	20	70	
2N60A	PG 210	5	ETC,WHE	40	20	10.0	.200	.180	A	85	J	1.500	B	15μA	20	70	
2N60B	PG 210	5	ETC,WHE	50	20	10.0	.200	.180	A	85	J	1.500	B	15μA	20	70	
2N60C	PG 210	5	ETC,WHE	60	20	10.0	.200	.180	A	85	J	1.500	B	15μA	20	70	
2N61	PG 210	5	ETC,WEC	25	20	10.0	.200	.180	A	85	J	1.000	B	15μA	20	50	
2N61A	PG 210	5	ETC,WHE	40	20	10.0	.200	.180	A	85	J	1.000	B	15μA	20	50	
2N61B	PG 210	5	ETC,WHE	50	20	10.0	.200	.180	A	85	J	1.000	B	15μA	20	50	
2N61C	PG 210	5	ETC,WHE	60	20	10.0	.200	.180	A	85	J	1.000	B	15μA	20	50	
2N63	PG 210	5	ETC	25		6.0	.020	.125	A	85	J	.500	B	6μA	6	22	.001
2N63+	PG 10 A		RAY	22			.010	.100	A	85	A	.600	B	6μA	6	22	
2N64	PG 210	5	ETC	25		6.0	.020	.125	A	85	J	.700	B	6μA	6	50	.001
2N64+	PG 10 A		RAY	15			.010	.100	A	85	A	.800	B	6μA	6	44	
2N65	PG 210	5	ETC	25		6.0	.020	.125	A	85	J	1.200	B	6μA	6	90	.001
2N65+	PG 10 A		RAY	12			.010	.100	A	85	A	1.200	B	6μA	6	90	
2N66	SEE 2N463																
2N68	PG 148 A		SYL	30	15		1.500	4.000	C	75	J			5MA	15	40	
2N68/13	PG 430	13	KSC	30	15		3.000	20.000	C	100	J	.010	E			22	.500
2N76	PG 57 B		GEC	20			.010	.070	A	60	J	.500	B	10μA	5	30	
2N77	PG 210	5	ETC	30		6.0	.035	.085		85	J	.350	B	10μA	12	60	
2N78	NG 210	5	ETC	15	15	5.0	.020	.065	A	85	J	5.000	B	3μA	15	90	.001
2N78+	NG 12 A		GEC	15	15	5.0	.020	.065	A	85	J	5.000	B	3μA	15	90	
2N78A	NG 210	5	ETC	20	20	5.0	.020	.065	A	85	J	5.000	B	3μA	15	90	.001
2N78A+	NG 12 B		GEC	20	20	5.0	.020	.065	A	85	J	5.000	B	3μA	15	90	
2N83	PG 117 A		TEC	66	60	12.0	2.000	10.000	C	85	J	.350	B	100μA	25	18	
2N83A	PG 117 A		TEC	66	60	12.0	3.000	10.000	C	85	J	.400	B	85μA	25	18	
2N84	PG 117 A		TEC	50	45	12.0	2.000	10.000	C	85	J	.400	B	110μA	25	20	
2N84A	PG 117 A		TEC	50	45	12.0	3.000	10.000	C	85	J	.400	B	95μA	25	20	
2N94	NG 210	5	ETC	20	20R	5.0	.100	.150	A	75	J	2.000	B	10μA	20	10	.001
2N94+	NG 10	22	SYL	20	20R	5.0	.100	.150	A	85	J	2.000	B			50	
2N94A	NG 210	5	ETC,STI	20	20R	5.0	.100	.150	A	75	J	5.000	B	3μA	10	38	.001
2N94A+	NG 10	22	SYL	20	20R	5.0	.100	.150	A	85	J	5.000	B			50	
2N95	NG 148 A		SYL	30	15		1.500	4.000	C	75	J			5MA	15	40	
2N97	NG 210	5	ETC	30	30	2.5	.010	.050	A	75	J	.500	B	10μA	5	14	
2N98	NG 210	5	ETC	40	20	2.5	.010	.050	A	75	J	.800	B	10μA	5	40	
2N99	NG 210	5	ETC	40	20	5.5	.010	.050	A	75	J	2.000	B	10μA	5	40	
2N101	PG 148 B		SYL	30	15		1.500	4.000	C	75	J			5MA	15	40	
2N101/13	PG 430	13	KSC	30	30		3.000	20.000	C	100	J	.010	E			15	.500
2N102	NG 148 B		SYL	30	15		1.500	4.000	C	75	J			5MA	15	40	
2N102/13	NG 430	13	KSC	30	30		1.500	12.500	C	100	J					16	.500
2N103	NG 210	5	ETC	35	35	2.5	.010	.050	A	75	J	.750	B	50μA	35	10	
2N104	PG 210	5	ETC,STI	30	20	12.0	.050	.150	A	85	J	.800	G	10μA	12	30	.005
2N104+	PG 55	40	RCA	30		12.0	.050	.150	A	70	A	.700	B	10μA	12	44	
2N105	PG 210	5	ETC	25			.050	.060	A	85	J	.400	B	7μA	12	55	
2N106	PG 210	5	ETC	10	6	2.0	.010	.100	A	85	J	1.000	B	12μA	6	38	.001
2N106+	PG 10 A		RAY	6			.010	.100	A	85	A	.800	B	12μA	2	26	
2N107	PG 210	5	ETC	12	6	2.0	.010	.050	A	60	J	.300	B	10μA	12	30	
2N108	PG 210	5	ETC	20	20		.015	.050	A	60	J	AUD		10μA	20	80	
2N109	PG 210	5	ETC	25	25	12.0	.070	.150	A	85	J	AUD		14μA	25	80	.050
2N109+	PG 55	40	RCA	35	25	12.0	.150	.165	A	85	S	.400	B	7μA	30	90	.050
2N111	PG 210	5	ETC	15	6		.020	.100	A	85	J	1.500	B	5μA	6	30	
2N111+	PG 10 A		RAY	30	15	20.0	.200	.150	A	85	J	3.000	B	5μA	12	26	
2N111A	PG 210	5	ETC	30	15	20.0	.200	.150	A	85	J	3.000	B	5μA	12	30	
2N1118	PG 210	5	ETC	27		10.0	.005	.030	A	85	J	20.000	B	10μA	12		
2N112	PG 210	5	ETC	15	6		.020	.100	A	85	J	3.000	B	5μA	6	30	
2N112+	PG 10 A		RAY	30	15	20.0	.200	.150	A	85	J	5.000	B	5μA	12	30	
2N112A	PG 210	5	ETC	30	15	20.0	.200	.150	A	85	J	3.000	B	5μA	12	30	
2N113	PG 210	5	ETC	15	6		.020	.100	A	85	J	10.000	B	5μA	6	50	
2N113+	PG 10 A		RAY	30	10	20.0	.200	.150	A	85	J	10.000	B	5μA	12	44	
2N114	PG 210	5	ETC	15	6		.020	.100	A	85	J	20.000	B	5μA	6	70	
2N114+	PG 10 A		RAY	30	10	20.0	.200	.150	A	85	J	20.000	B	5μA	12	74	
2N115	PG 498 A		AMP	32		10.0	1.500										
2N117	NS 210	5	ETC	30		1.0	.025	.150	A	175	J	1.000	B	10μA	30	14	
2N117+	NS 12 C		TII,TEC,HUG	45		1.0	.025	.150	A	175	J	4.000	B	2μA	30	15	
2N118	NS 210	5	ETC	30		1.0	.025	.150	A	175	J	2.000	B	10μA	30	28	
2N118+	NS 12 C		TII,TEC,HUG	45		1.0	.025	.150	A	175	J	5.000	B	2μA	30	30	
2N118A	NS 210	5	ETC	30		1.0	.025	.150	A	175	J	8.000	B	10μA	30	42	
2N118A+	NS 12 C		TII,TEC,HUG	45		1.0	.025	.150	A	175	J	8.000	B	2μA	30	56	
2N119	NS 210	5	ETC	30		1.0	.025	.150	A	175	J	1.000	B	10μA	30	60	
2N119+	NS 12 C		TII,TEC,HUG	45		1.0	.025	.150	A	175	J	6.000	B	2μA	30	60	
2N120	NS 210	5	ETC	30		1.0	.025	.150	A	175	J	1.000	B	10μA	30	160	
2N120+	NS 12 C		TII,TEC,HUG	45		1.0	.025	.150	A	175	J	.700	B	2μA	30	10	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND				
2N122	NS 743 A		TII	120		1.0	.140	8.750	C	150	J	AUD	100μA	120	20
2N123	PG 210	5	ETC	20	15	10.0	.125	.125	A	85	J	5.000 B	6μA	20	90 .010
2N123/5	PG 210	5	SYL	20	15	10.0	.125	.150	A	85	J	5.000 B	6μA	20	90
2N123+	PG 57 B		GEC	20	15	10.0	.125	.150	A	85	J	5.000 B	6μA	20	90
2N123A	PG 210	5	ETC,STI	20	15	10.0	.125	.150	A	85	J	5.000 G	6μA	20	30 .010
2N124	NG 210	5	ETC	10	10	5.0	.025	.050	A	75	J	3.000 B	2μA	5	18
2N124+	NG 10 B		TII	10		5.0	.008	.050	A	75	J	3.000 B	2μA	5	18
2N125	NG 210	5	ETC	10	10	5.0	.025	.050	A	175	J	5.000 B	10μA	40	36 .005
2N125+	NG 10 B		TII	10		5.0	.008	.050	A	75	J	5.000 B	2μA	5	36
2N126	NG 210	5	ETC	10	10	5.0	.025	.050	A	175	J	5.000 B	10μA	40	73 .005
2N126+	NG 10 B		TII	10		5.0	.008	.050	A	75	J	5.000 B	2μA	5	70
2N128	PG 116	24	SPR,HUG	10	4	10.0	.005	.025	A	85	J	28.000 G	15μA	10	40
2N129	PG 105	24	PHL	10	4	10.0	.005	.030	A	85	J	30.000 F	3μA	5	14
2N130	PG 210	5	ETC	25	22	12.0	.010	.085	A	85	J	.700 B	12μA	15	24
2N130+	PG 5 A		RAY	44			.010	.084	A	85	J	.600 B	6μA	6	22
2N130A	PG 210	5	ETC	25	22	12.0	.100	.100	A	85	J	.700 B	15μA	20	30
2N131	PG 210	5	ETC	25	15	12.0	.010	.085	A	85	J	.800 B	12μA	15	50
2N131+	PG 5 A		RAY	30			.010	.084	A	85	J	.800 B	6μA	6	44
2N131A	PG 210	5	ETC	25	15	12.0	.100	.100	A	85	J	.800 B	15μA	20	50
2N132	PG 210	5	ETC	25	12	12.0	.010	.085	A	85	J	1.000 B	12μA	15	90
2N132+	PG 5 A		RAY	24			.010	.084	A	85	J	1.200 B	6μA	6	90
2N132A	PG 210	5	ETC	25	12	12.0	.100	.100	A	85	J	1.000 B	15μA	20	90
2N133	PG 210	5	ETC	25	15	12.0	.010	.085	A	85	J	.800 B	12μA	15	50
2N133+	PG 5 A		RAY	30			.010	.084	A	85	J	.800 B	12μA	2	24
2N133A	PG 210	5	ETC	25	15	12.0	.100	.100	A	85	J	.800 B	15μA	20	50
2N135	PG 210	5	ETC	20	20R		.050	.100	A	85	J	3.000 B	5μA	6	20
2N135+	PG 57 B		GEC	20	12		.050	.100	A	85	J	3.000 B	5μA	6	20
2N136	PG 210	5	ETC,STI	20	20R		.050	.100	A	85	J	7.000 G	5μA	6	40 .001
2N136+	PG 57 B		GEC	20	12		.050	.100	A	85	J	5.000 B	5μA	6	40
2N137	PG 210	5	ETC,STI	10	10R		.050	.100	A	85	J	10.000 G	5μA	6	60 .001
2N137+	PG 57 B		GEC	10	6		.050	.100	A	85	J	7.000 B	5μA	6	60
2N138	PG 210	5	ETC	24	12	5.0	.020	.050	A	50	J	AUD	16μA	16	140
2N138A	PG 5 A		RAY	12	6		.100	.150	A	85	J	1.400 B	6μA	12	40
2N138B	PG 5 D		RAY		30		.100	.100	A	100	J	AUD			
2N139	PG 210	5	ETC	16	16	12.0	.015	.035	A	85	J	4.500 B	6μA	12	48
2N139+	PG 55	40	RCA	16		12.0	.025	.035	A	70	A	4.500 B			60
2N140	PG 210	5	ETC	16	16	.5	.015	.080	A	85	J	8.000 B	6μA	12	80
2N140+	PG 55	40	RCA	16		12.0	.015	.035	A	70	A	7.000 B			60
2N141	PG 148 A		SYL	60	60	30.0	.800	4.000	C	75	C	10.000 B	5MA	30	30
2N141/13	PG 430	13	KSC	60	60		3.000	20.000	C	100	J	.008 E			37 .500
2N142	NG 148 A		SYL	60	60	30.0	.800	4.000	C	75	C	.400 B	5MA	30	30
2N142/13	NG 430	13	KSC	60	60		1.000	12.500	C	100	J				16 .250
2N143	PG 148 B		SYL	60	60	30.0	.800	4.000	C	75	C	.400 B	5MA	30	30
2N143/13	PG 430	13	KSC	60	30		3.000	20.000	C	100	J	.008 E			15 .250
2N144	NG 148 B		SYL	60	60	30.0	.800	4.000	C	75	C	.400 B	5MA	30	30
2N144/13	NG 430	13	KSC	60	60		1.000	12.500	C	100	J				16 .250
2N145	NG 210	5	ETC	20	15	.5	.025	.065	A	75	J	8.000 B	3μA	9	60
2N145+	NG 10 B		TII	20			.005	.065	A	75	J	AM IF	3μA	9	
2N146	NG 210	5	ETC	20	15	.5	.025	.065	A	75	J	12.000 B	3μA	9	140
2N146+	NG 10 B		TII	20			.005	.065	A	75	J	AM IF	3μA	9	
2N147	NG 210	5	ETC	20	15	.5	.025	.065	A	75	J	15.000 B	3μA	9	200
2N147+	NG 10 B		TII	20			.005	.065	A	75	J	AM IF	3μA	9	
2N148	NG 10 B		TII	16			.005	.065	A	75	J	AM IF	3μA	12	
2N148A	NG 10 B		TII	32			.005	.065	A	75	J	AM IF	3μA	12	
2N149	NG 10 B		TII	16			.005	.065	A	75	J	AM IF	3μA	12	
2N149A	NG 10 B		TII	32			.005	.065	A	75	J	AM IF	3μA	12	
2N150	NG 10 B		TII	16			.005	.065	A	75	J	AM IF	3μA	12	
2N150A	NG 10 B		TII	32			.005	.065	A	75	J	AM IF	3μA	12	
2N155	PG 605	3	GPD,HUG,KSC,STI	30	30S	15.0	3.000	50.000	C	100	J	.006 E	10MA	30	48 .500
2N156	PG 430	13	HUG,KSC,GPD	30	30	15.0	3.000	25.000	C	100	J	.200 G	10MA	30	50 .500
2N157	PG 605	3	CBS	60		30.0	3.000	8.500	A	85	J	.100 B	1MA	60	20
2N157A	PG 605	3	CBS	90		30.0	3.000	8.500	A	85	J	.100 B	1MA	90	20
2N158	PG 430	13	HUG,KSC,GPD	60	60	30.0	3.000	25.000	C	100	J	.004 E	10MA	60	40 .500
2N158A	PG 426	13	HUG,GPD	80	60	30.0	3.000	25.000	C	100	J	.004 E	10MA	80	40 .500
2N160	NS 10	22	ETC	40		1.0	.025	.150	A	175	J	4.000 B	10μA	40	14 .001
2N160A	NS 10	22	ETC	40		5.0	.025	.150	A	175	J	4.000 B	10μA	40	14
2N161	NS 10	22	ETC	40		1.0	.025	.150	A	175	J	5.000 B	10μA	40	28 .001
2N161A	NS 10	22	ETC	40		5.0	.025	.150	A	175	J	5.000 B	10μA	40	28 .001
2N162	NS 10	22	ETC	40		1.0	.025	.150	A	175	J	8.000 B	10μA	40	50 .001
2N162A	NS 10	22	ETC	40		5.0	.025	.150	A	175	J	8.000 B	10μA	40	50 .001
2N163	NS 10	22	ETC	40		1.0	.025	.150	A	175	J	6.006 B	10μA	40	50 .001
2N163A	NS 10	22	ETC	40		5.0	.025	.150	A	175	J	3.000 B	10μA	40	50 .001
2N164	NG 210	5	ETC	15	15	1.0	.030	.065	A	85	J	4.000 B	5μA	15	45
2N164A	NG 210	5	ETC	15	15	1.0	.030	.100	A	85	J	4.000 G	5μA	15	45
2N165	NG 210	5	ETC	15	15	1.0	.020	.065	A	85	C	5.000 B	5μA	15	70
2N166	NG 210	5	ETC	10	6	1.0	.030	.055	A	50	J	2.000 B	2μA	15	32
2N167	NG 12 A		GEC	30	30	5.0	.075	.075	A	85	A	5.000 B	2μA	15	50
2N167A	NG 12 B		GEC	30	30	5.0	.075	.065	A	85	A	9.000 B	2μA	15	90 .008
2N168	NG 210	5	ETC	15	15R		.020	.065	A	85	J	5.000 B	5μA	15	90 .001
2N168+	NG 12 B		GEC	15	15		.020	.055	A	75	A	6.000 B	5μA	15	20
2N168A	NG 210	5	ETC	15	15R		.020	.065	A	85	J	5.000 B	5μA	15	90 .001
2N168A+	NG 12 B		GEC	15	15		.020	.065	A	85	A	5.000 B	5μA	15	40
2N169	NG 210	5	ETC	15	15R	5.0	.020	.065	A	85	J	8.000 B	5μA	15	48 .001
2N169+	NG 12 B		GEC	15	15		.020	.055	A	75	A	4.000 B	5μA	15	40
2N169A	NG 210	5	ETC	25	25R	5.0	.020	.065	A	85	J	9.000 B	5μA	15	84 .001
2N169A+	NG 12 A		GEC	25	25	5.0	.025	.075	A	85	A	9.000 B	5μA	15	50
2N170	NG 210	5	ETC	10	9R		.020	.025	A	85	J	4.000 B	3μA	5	30
2N172	NG 210	5	ETC	16	15R	1.0	.025	.075	A	75	J	3.000 B	3μA	9	40
2N172+	NG 10 B		TII	16			.005	.065	A	75	J	AM CON	3μA	9	
2N173	PG 405	36	RCA,DEL,MOT,ETC,GPD,HUG	60	50	40.0	15.000	150.000	C	100	C	.010 E	100μA	2	53 .500
2N174	PG 405	36	DEL,MOT,ETC,GPD,HUG	80	55	60.0	15.000	150.000	C	100	C	.010 E	100μA	2	48 .500
2N174A	PG 405	36	ETC,DEL	80	70S	60.0	15.000	170.000	C	100	J	.100 B	4MA	80	60 1.200
2N175	PG 210	5	ETC	25		12.0	.002	.050	A	85	J	.850 B	12μA	25	65
2N175+	PG 55	40	RCA	10	10		.002	.020	A	50	A	.850 B	12μA	25	64
2N176	PG 605	3	MOT,RCA,GPD,ETC,HUG,KSC	40	30S		3.000	10.000	C	90	J	.005 E	3MA	30	64
2N178	PG 605	3	MOT,ETC,KSC	40	30S		3.000	10.000	C	90	J	.005 E	3MA	30	30
2N179	PG 605 G		MOT	20			.060	25.000	A	88	C				10
2N180	PG 210	5	ETC	30	30		.025	.150	A	75	J	.700 B	10μA	30	60
2N180+	PG 35 C		CBS	30		30.0		.150	A	75	J	.700 B	10μA	30	60
2N181	PG 210	5	ETC	30	30		.038	.250	A	75	J	.700 B	16μA	25	60
2N181+	PG 35 D		CBS	30		30.0		.250	A	75	J	.700 B	10μA	30	60
2N182	NG 210	5	ETC	25		15.0	.010	.100	A	85	J	10.000 B	3μA	10	30
2N182+	NG 35 C		CBS	25		20.0		.100	A	75	J	2.500 B	3μA	10	25
2N183	NG 210	5	ETC	25		15.0	.010	.100	A	85	J	10.000 B	3μA	10	45
2N183+	NG 35 C		CBS	25		20.0		.100	A	75	J	5.000 B	3μA	10	50

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND			I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N184	NG 210	5	ETC	25		15.0	.010	.100	A	85	J	10.000	B	5μA	10	100	
2N184+	NG 35 C		CBS	25		20.0		.100	A	75	J	10.000	B	3μA	10		
2N185	PG 210	5	ETC,STI,GEC	20	20	10.0	.150	.150	A	75	J	AUD		15μA	20	35	.100
2N185+	PG 10 B		TII	20			.150	.150	A	50	A	AUD		15μA	20		
2N186	PG 210	5	ETC	25	25R	5.0	.200	.100	A	85	J	.800	B	16μA	25	24	.100
2N186+	PG 57 B		GEC	25	25R	5.0	.200	.075	A	60	A	.800	B	16μA	25	24	
2N186A	PG 210	5	ETC,GEC,STI	25	25R	5.0	.200	.200	A	85	J	.800	B	16μA	25	24	.100
2N186A+	PG 57 B		GEC	25	25R	5.0	.200	.180	A	60	A	.800	B	16μA	25	24	
2N187	PG 210	5	ETC	25	25R	5.0	.200	.100	A	85	J	1.000	B	16μA	25	36	.100
2N187+	PG 57 B		GEC	25	25R	5.0	.200	.075	A	60	A	1.000	B	16μA	25	36	
2N187A	PG 210	5	ETC,STI,GEC	25	25R	5.0	.200	.200	A	85	J	1.000	B	16μA	25	36	.100
2N187A+	PG 57 B		GEC	25	25R	5.0	.200	.180	A	60	A	1.000	B	16μA	25	36	
2N188	PG 210	5	ETC	25	25R	5.0	.200	.100	A	85	J	1.200	B	16μA	25	50	.020
2N188+	PG 57 B		GEC	25	25R	5.0	.200	.075	A	60	A	1.200	B	16μA	25	54	
2N188A	PG 210	5	ETC,STI,GEC	25	25R	5.0	.200	.200	A	85	J	1.200	B	16μA	25	50	.020
2N188A+	PG 57 B		GEC	25	25R	5.0	.200	.180	A	60	A	1.200	B	16μA	25	54	
2N189	PG 210	5	ETC,GEC,STI	25	25R		.050	.075	A	60	J	.800	B	16μA	25	36	.020
2N189+	PG 57 B		GEC	25	25R		.050	.175	A	60	A	.800	B	16μA	25	24	
2N190	PG 210	5	ETC,STI,GEC	25	25R		.050	.075	A	60	J	1.000	B	16μA	25	50	.020
2N190+	PG 57 B		GEC	25	25R		.050	.175	A	60	A	1.000	B	16μA	25	36	
2N191	PG 210	5	ETC	25	25R		.050	.075	A	60	J	1.200	B	16μA	25	80	.020
2N191+	PG 57 B		GEC	25	25R		.050	.175	A	60	A	1.200	B	16μA	25	54	
2N192	PG 210	5	ETC,STI,GEC	25	25R		.050	.075	A	60	J	1.500	B	16μA	25	114	.020
2N192+	PG 57 B		GEC	25	25R		.050	.175	A	60	A	1.500	B	16μA	25	74	
2N193	NG 210	5	ETC	18	18R	5.0	.100	.150	A	85	J	2.000	B	30μA	18	8	
2N193+	NG 10	22	SYL	18	18	5.0	.100	.150	A	85	S	2.000	B	10μA	18	45	.001
2N194	NG 210	5	ETC	18	18R	.5	.100	.150	A	85	J	2.000	B	50μA	18	10	
2N194+	NG 10	22	SYL	25	25R		.100	.050	A	75	J	2.000	B	40μA	15	10	
2N194A	NG 210	5	ETC	18	18R	5.0	.100	.150	A	85	J	2.000	B	30μA	18	10	
2N194A+	NG 10	22	SYL	20	18	5.0	.050	.050	A	85	J	2.000	B	30μA	18	10	
2N195	PG 172 D		TEC	15	12	6.0	.030	.100	A	75	J	1.000	B	10μA	12	180	
2N196	PG 172 D		TEC	30	25	6.0	.030	.100	A	85	J	.800	B	101A	12	50	
2N197	PG 172 D		TEC	30	25	6.0	.030	.100	A	85	J	.700	B	101A	12	40	
2N198	PG 172 D		TEC	30	25	6.0	.030	.100	A	85	J	.600	B	101A	12	30	
2N199	PG 172 D		TEC	30	25	6.0	.030	.100	A	85	J	.500	B	10μA	12	15	
2N200	PG 172 D		TEC	36	30	12.0	.100	.100	A	85	J	.400	B	4μA	12	30	
2N204	PG 172 D		TEC	36	30	12.0	.100	.100	A	85	J	.400	B	4μA	12	15	
2N205	PG 172 D		TEC	36	30	12.0	.100	.100	A	85	J	.400	B	4μA	12	15	
2N206	PG 210	5	ETC	30	30	12.0	.050	.075	A	85	J	.800	B	10μA	30	50	
2N207	PG 210	5	ETC	12	12	12.0	.020	.050	A	65	J	2.000	B	15μA	12	50	
2N207A	PG 210	5	ETC	12	12	12.0	.020	.050	A	65	J	2.000	B	10μA	12	50	
2N207B	PG 210	5	ETC	12	12	12.0	.020	.050	A	65	J	2.000	B	10μA	12	50	
2N2078+	PG 116	23	PHL	12			.020	.050	A	65	J	2.000	B	10μA	12	35	
2N211	NG 210	5	ETC	10	10	.5	.050	.050	A	75	J	2.000	B	20μA	10	10	
2N211+	NG 10	22	SYL	10	10		.100	.050	A	75	J	2.000	B	20μA	10	10	
2N212	NG 210	5	ETC	18	18R	5.0	.100	.150	A	85	J	4.000	B	30μA	18	18	
2N212+	NG 10	22	SYL	18	18	5.0	.100	.150	A	85	S	4.000	B	10μA	18	45	.001
2N213	NG 210	5	ETC	40	25R	10.0	.100	.180	A	85	J	.010	E	100μA	25	140	
2N213+	NG 10	22	SYL	40	25R	10.0	.100	.050	A	85	J	.700	G	50μA	18	150	
2N213A	NG 210	5	ETC	40	25R	10.0	.100	.180	A	85	J	.010	E	100μA	25	160	
2N213A+	NG 10	22	SYL	40	25R	10.0	.100	.150	A	85	J	1.000	G	50μA	40	170	
2N214	NG 210	5	ETC,STI,SYL	40	25R	10.0	.100	.180	A	85	J	.800	G	50μA	40	75	.035
2N214+	NG 10	22	SYL	40	25R	10.0	.100	.180	A	85	J	.500	G	50μA	40	176	
2N215	PG 210	5	ETC	30	12	12.0	.050	.150	A	85	J	.700	B	10μA	12	44	
2N215+	PG 120	1	RCA	30		12.0	.050	.150	A	70	A	.700	B	10μA	12	44	
2N216	NG 210	5	ETC	18	18R	1.0	.050	.050	A	75	J	2.000	B	50μA	18	40	.001
2N216+	NG 10	22	SYL	15				.050	A	75	J	2.000	B	40μA	15	40	
2N217	PG 210	5	ETC	25	25	12.0	.070	.150	A	85	J	AUD		14μA	25	75	.050
2N217+	PG 120	1	RCA	35	25	12.0	.150	.165	A	85	S	AUD		7μA	30	90	.050
2N218	PG 210	5	ETC	16	16	12.0	.015	.035	A	85	J	4.500	B	6μA	12	48	
2N218+	PG 120	1	RCA	16		12.0	.015	.035	A	70	A	7.000	B	6μA	12	50	
2N219	PG 210	5	ETC	16	16	.5	.015	.080	A	85	J	8.000	B	6μA	12	75	
2N219+	PG 120	1	RCA	16		12.0	.015	.035	A	70	A	7.000	B	6μA	12	50	
2N220	PG 210	5	ETC	25		12.0	.002	.050	A	85	J	.850	B	12μA	25	65	
2N220+	PG 120	1	RCA	10	10		.002	.020	A	50	A	.850	B	12μA	25	64	
2N223	PG 210	5	ETC		18		.060	.100	H	75	J	.600	B	20μA	9	110	
2N223+	PG 116	25	PHL	18			.060	.200	A	65	J	.600	B	20μA	9	80	
2N224	PG 210	5	ETC	25			.150	.100	H	75	J	.510	B	25μA	12	90	.100
2N224+	PG 106	25	PHL	25			.150	.120	A	65	A	.510	B	25μA	12	70	
2N225			M.P.2N224														
2N226	PG 210	5	ETC	25			.150	.100	H	75	J	.400	B	25μA	30	60	.100
2N226+	PG 106	25	PHL	25			.150	.120	A	65	A	.400	B	25μA	12	60	
2N227			M.P.2N226														
2N228	NG 210	5	ETC	40	15R	10.0	.100	.150	A	85	J	.010	E	4A	40	80	
2N228+	NG 10	22	SYL	40	15R	10.0	.100	.180	A	85	J	.600	G	100μA	40	70	
2N229	NG 210	5	ETC	10	10R	10.0	.100	.180	A	85	J	.600	B	100μA	10	50	
2N229+	NG 10	22	SYL	10	10R	20.0	.100	.180	A	85	J	.600	B	100μA	10	60	
2N231	PG 116	24	SPR,HUG	5	5S		.003	.009	A	85	J	LS SW		3μA	5	36	.001
2N232	PG 116	24	PHL	5	5		.003	.009	A			20.000	F				
2N233	NG 210	5	ETC	10	10R	5.0	.100	.150	A	85	J	2.000	B	10μA	10	10	
2N233+	NG 10	22	SYL	10	10R	5.0	.100	.050	A	85	J	2.000	B	50μA	10	20	
2N233A	NG 210	5	ETC	18	18R	5.0	.100	.150	A	85	J	2.000	B	10μA	18	10	
2N233A+	NG 10	22	SYL	10	10	5.0	.050	.050	A	85	J	2.000	B	30μA	18	24	
2N234A	PG 605	3	ETC,HUG,KSC,GPD	25	25R	15.0	3.000	25.000	C	90	J	.008	E	5MA	25	40	
2N235	PG 605	3	BEN,CLE	35		15.0	3.000	25.000	C	100	J	SS AUD	E			46	1.000
2N235A	PG 605	3	GPD,ETC,HUG,KSC	35		15.0	3.000	25.000	C	90	J	.007	E	1MA	25	46	1.000
2N235B	PG 605	3	GPD,ETC,HUG,BEN	50	35R	15.0	3.000	25.000	C	90	J	.005	E	1MA	25	56	1.000
2N236	PG 605	3	BEN	40	40		3.000	25.000	A	100	J	.006	B	1MA	25		
2N236A	PG 605	3	BEN,ETC,HUG,KSC,GPD	40		15.0	3.000	25.000	C	100	J	.006	E	1MA	25	55	2.000
2N236B	PG 605	3	GPD,ETC,HUG,KSC	50		15.0	3.000	25.000	C	100	J	.005	E	1MA	25	55	2.000
2N237	PG 210	5	ETC	45	15	5.0	.020	.150	A	85	J	.500	B	10μA	45	48	
2N238	PG 10 B		TII	20				.050	A	60	A	AUD		20μA	20	50	
2N240	PG 116	24	SPR,HUG	6	6S	5.0	.015	.030	A	85	J	25.000	G	3μA	5	30	
2N241	PG 210	5	ETC	25	25R	5.0	.200	.100	A	60	J	1.300	B	16μA	25	80	.020
2N241+	PG 57 B		GEC	25	25R	5.0	.200	.100	A	60	A	1.300	B	16μA	25	70	
2N241A	PG 210	5	ETC	25	25R	5.0	.200	.200	A	75	J	1.300	B	16μA	25	80	.020
2N241A+	PG 57 B		GEC	25	25R	5.0	.200	.200	A	75	A	1.300	B	16μA	25	70	
2N242	PG 605	3	MOT,GPD,ETC,HUG	45	45R	10.0	5.000	106.000	C	110	J	.005	E	5MA	45	60	.500
2N243	NS 10	22	TII,ETC,TEC,HUG	60			.060	.750	A	150	J	AUD		1μA	30	15	
2N244	NS 10	22	ETC,TEC,HUG,TII	60			.060	.750	A	150	J	AUD		1μA	30	50	
2N245	NS 185 A		TII	60			.060	1.000	C	150	J	AUD		1μA	30	15	
2N246	NS 185 A		TII	60			.060	1.000	C	150	J	AUD		1μA	30	50	
2N247	PG 75	7	RCA,ETC	35		1.0	.010	.035	A	85	S	130.000	G	16μA	30	65	
2N247/33	PG 217	33	SYL	40	40	.5	.010	.120	A	100	J	20.000	G	50μA	40	80	
2N248	PG 10 B		TII	25			.005	.030	A	75	A	50.000	B	10μA	12	20	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N249	PG 210	5	ETC	25	25		.200	.250	A	85	J	AUD		25μA	25	30	
2N249+	PG 171 A		TII	25			.200	.350	A	60	A	AUD		25μA	25	50	
2N250	PG 605	3	GPD,ETC,HUG,KSC,TII	30		15.0	2.000	12.000	C	85	J	.008	E	1μA	30	90	
2N250A	PG 605	3	TII,GPD,ETC,HUG,KSC,STI	40	35X	20.0	7.000	90.000	C	100	J	.160	G	1MA	30	60	3.000
2N251	PG 605	3	GPD,ETC,HUG,KSC,TII	60	150	15.0	2.000	12.000	C	85	A	.008	E	2μA	60	60	.500
2N251A	PG 605	3	TII,GPD,ETC,HUG,STI	60	55X	20.0	7.000	90.000	C	100	J	.160	G	2MA	60	60	3.000
2N252	PG 210	5	ETC		16		.005	.030	A	55	J	AM RF		10μA	12	30	
2N252+	PG 10 B		TII	16			.005	.030	A	75	J	5.000	G	10μA	12		
2N253	NG 210	5	ETC	12	12		.050	.100	A	75	J	2.500	B	3μA	9	40	
2N253+	NG 10 B		TII	12			.005	.065	A	75	J	5.000	G	13μA	9		
2N254	NG 210	5	ETC	20	20		.005	.065	A	75	J	3.000	B	10μA	12	20	
2N254+	NG 10 B		TII	20			.005	.065	A	75	J	5.000	G	3μA	9		
2N255	PG 605	3	GPD,HUG,KSC,STI	15	15	15.0	3.000	25.000	C	85	J	.200	B	3MA	14	40	.500
2N255A	PG 605	3	DEL,GPD,HUG,KSC,CBS	15	15R	15.0	4.000	20.000	C	100	J	.005	E	5MA	15	36	.400
2N256	PG 605	3	GPD,HUG,KSC,STI	30	30R	30.0	3.000	25.000	C	100	J	.005	E	3MA	30	15	.500
2N256A	PG 605	3	GPD,HUG,KSC,CBS	30	25R	15.0	4.000	20.000	C	100	J	.005	E	5MA	25	36	.400
2N257	PG 605	3	GPD,ETC,HUG,KSC	40	35S	6.0	3.000	25.000	C	95	J	.005	E	2MA	20	20	.400
2N257-BLK	PG 605	3	ETC,KSC	40	35S	20.0	3.000	45.000	C	95	J			2MA	20	88	.500
2N257-GRN	PG 605	3	ETC,KSC	40	35S	20.0	3.000	45.000	C	95	J			2MA	20	60	.500
2N257-WHT	PG 605	3	ETC,KSC	40	35S	20.0	3.000	45.000	C	95	J			2MA	20	150	.500
2N258	PS 10 A		RAY	30	30	22.0	.050	.250	A	160	S			50μA	30		
2N259	PS 10 A		RAY	30	30	22.0	.050	.250	A	160	S			50μA	30		
2N263	NS 10	22	TII	45	30	1.0	.020	.150	A	150	S	50.000	G	1μA	20	98	.010
2N264	NS 10 B		HUG,TII	45	30	1.0	.020	.125	A	150	S	10.000	B	1μA	20	34	.010
2N265	PG 210	5	ETC	25	25R		.050	.075	A	60	J	1.500	B	16μA	25	144	.020
2N265+	PG 57 B		GEC	25	25R		.050	.075	A	60	A	1.500	B	16μA	25	140	
2N267	SEE RF POWER SECTION																
2N268	PG 605	3	SOL,ETC,HUG,KSC,GPD	80	60R	6.0	3.000	45.000	C	95	J	.006	E	2MA	80	45	2.000
2N268A	PG 605	3	SOL,ETC,HUG,KSC,CLE	80		6.0	3.000	35.000	C	100	J	.006	E	2MA	80	40	2.000
2N269	PG 210	5	ETC,RCA,STI	25	24	12.0	.100	.120	A	85	J	8.000	G	5μA	12	45	.012
2N269+	PG 120	1	RCA	25	24	12.0	.100	.120	A	85	J	13.000	B	5μA	12	50	
2N270	PG 210	5	ETC	25	12	12.0	.150	.250	A	85	J	AUD		16μA	25	70	.150
2N270+	PG 55 B		RCA	25		12.0	.075	.150	A	85	S	AUD		16μA	25	70	
2N271	PG 210	5	ETC		10		.200	.150	A	85	J	5.000	B	5μA	12	50	
2N271+	PG 10 A		RAY	30	10	20.0	.200	.150	A	85	J	1.000	B	5μA	12	44	
2N271A	PG 210	5	ETC		10		.200	.150	A	850	J	5.000	B	5μA	12	50	
2N272	PG 210	5	ETC		24		.100	.150	A	85	J	.500	B	10μA	20	120	
2N272+	PG 10 A		RAY		20		.100	.150	A	85	J	1.000	B	6μA	20	80	
2N273	PG 210	5	ETC		30		.100	.150	A	85	J	AUD		10μA	20	20	
2N273+	PG 10 A		RAY,UPI		40		.100	.240	C	85	J	AUD		6μA	20	40	
2N274	PG 128	44	RCA	35		.5	.010	.035	A	100	A	30.000	B	12μA	12	80	
2N277	PG 405	36	DEL,MOT,RCA,ETC,SOL,HUG	40	25	20.0	15.000	150.000	C	100	C	.010	E	100μA	2	50	
2N278	PG 405	36	DEL,MOT,RCA,ETC,GPD,HUG	50	45	30.0	15.000	150.000	C	100	C	.010	E	100μA	2	53	.500
2N279	PG 210	5	ETC	20	20R	.5	.075	.125	A	75	J	.300	B	10μA	4	30	
2N280	PG 210	5	ETC	20	20R	.5	.075	.125	A	75	J	.300	B	10μA	4	50	
2N281	PG 210	5	ETC	16	16R	10.0	.075	.125	A	75	J	.350	B	10μA	10	52	.080
2N282	M.P.2N281																
2N283	PG 210	5	ETC	30	20	10.0	.050	.125	A	75	J	.500	B	9μA	30	44	.001
2N284	PG 210	5	ETC	32	32R	10.0	.125	.125	A	75	J	.350	B	10μA	10	45	.080
2N284A	PG 210	5	ETC	60	55R	10.0	.125	.125	A	75	J	.350	B	10μA	10	45	.080
2N285	PG 605	3	BEN	40	40		3.000	25.000	A	100	J	SW,OSC				125	.500
2N285A	PG 605	3	GPD,ETC,HUG	40		15.0	3.000	25.000	C	100	J	.006	E	1MA	25	35	1.000
2N285B	PG 605	3	GPD,HUG	35		15.0	3.000	25.000	C	100	J	.006	E	80μA	15	80	.420
2N290	PG 405	36	DEL	70		60.0	12.000	55.000	A	100	J	.400	E			72	1.200
2N291	PG 210	5	ETC	25	12		.200	.180	A	50	J	AUD		25μA	25	60	
2N291+	PG 10 B		GEC,TII	25			.200	.180	A	65	J	AUD		25μA	25	44	
2N292	NG 210	5	ETC	15	15R	.5	.020	.300	A	85	J	5.000	B	5μA	15	21	.001
2N292+	NG 12 A		GEC	15	15		.020	.065	A	85	A	5.000	B	5μA	15	25	
2N292A	NG 210	5	ETC	15	15R	.5	.020	.100	A	85	J	5.000	B	5μA	15	21	.001
2N293	NG 210	5	ETC	15	15R		.020	.300	A	85	J	4.000	B	5μA	15	38	
2N293+	NG 12 A		GEC	15	15		.020	.065	A	85	A	8.000	B	5μA	15	25	
2N296	NS 605	3	GPD,HUG	60		15.0	2.000	20.000	C	100	J	.006	E	2MA	60	38	1.000
2N297	PG 605	3	ETC,HUG,STI	60	50S	9.0	5.000	45.000	C	95	J	.005	G	5MA	60	22	2.000
2N297A	PG 605	3	GPD,MOT,ETC,HUG,KSC,STI	60	50	40.0	5.000	35.000	C	100	J	.005	G	200μA	2	70	.500
2N299	PG 124	30	PHL	5	5		.005	.020	A	85	J	90.000	F	3μA	5	10	
2N300	PG 124	30	PHL	5	5		.005	.020	A	85	J	85.000	F	3μA	5	20	
2N301	PG 605	3	GPD,DEL,MOT,ETC,RCA,HUG	40	32	10.0	3.000	45.000	C	95	J	.006	E	3MA	30	60	.700
2N301A	PG 605	3	DEL,RCA,STI,ETC,HUG,KSC	60	32	10.0	3.000	45.000	C	95	J	.006	E	3MA	30	60	.700
2N302	PG 210	5	ETC	15	10	2.0	.200	.150	A	85	J	7.000	B	6μA	10	50	.001
2N303	PG 210	5	ETC	15	10	2.0	.200	.150	A	85	J	14.000	B	6μA	10	80	.001
2N306	NG 210	5	ETC	20	15R	10.0	.100	.180	A	85	J	.600	B	25μA	20	46	
2N306+	NG 10	22	SYL	20	15R	10.0		.050	A	85	J	.600	B	20μA	20	74	
2N307	PG 605	3	MOT,ETC,HUG,KSC	35	35	10.0	5.000	106.000	C	110	J	.005	E	15MA	35	40	.200
2N307A	PG 605	3	MOT,SYL,ETC,HUG,KSC,STI	35	35	10.0	2.000	106.000	C	110	J	.005	E	7MA	35	60	.200
2N3078	PG 605	3	SYL	35	35		2.000	16.000	C	75	J	.005	E	5MA	35	50	
2N308	PG 210	5	ETC	20	20		.005	.030	A	55	J	AM IF		10μA	9	30	
2N308+	PG 10 B		TII	20	20		.005	.030	A	55	A	AM IF		10μA	9		
2N309	PG 210	5	ETC	20	20		.005	.030	A	10	J	AM IF		9μA		30	
2N309+	PG 10 B		TII	20	20		.005	.030	A	55	A	AM IF		10μA	9		
2N310	PG 210	5	ETC	20	30		.005	.030	A	10	J	AM IF		9μA		50	
2N310+	PG 10 B		TII	30	30		.005	.030	A	55	A	AM IF		10μA	9		
2N311	PG 210	5	ETC,MOT	15	15	6.0	.005	.150	A	85	J	AUD		15μA	15	50	
2N312	NG 210	5	ETC,MOT	15	15	6.0		.100	A	85	J	AUD		15μA	25	50	
2N312+	NG 210	5	SYL	15	15	15.0	.200	.100	A	85	J	LS SW		10μA	15	40	
2N315	PG 210	5	ETC,GIC	20	15	20.0	.200	.100	A	85	J	5.000	B	2μA	5	22	.100
2N315A	PG 210	5	ETC,TII,STI,GIC	30	20	20.0	.500	.150	A	85	J	5.000	B	2μA	5	34	.100
2N3158	PG 210	5	GIC	30		20.0		.150	A	100	S	5.000	B				
2N316	PG 210	5	ETC,GIC	20	10	20.0	.200	.100	A	85	J	12.000	B	2μA	5	34	.200
2N316A	PG 210	5	ETC,STI,GIC	30	15	20.0	.500	.150	A	85	J	12.000	B	2μA	5	34	.200
2N317	PG 210	5	ETC,GIC	20	6	20.0	.200	.100	A	85	J	20.000	B	2μA	5	35	.400
2N317A	PG 210	5	ETC,TII,STI,GIC	25	10	20.0	.500	.150	A	85	J	20.000	B	2μA	5	35	.400
2N319	PG 212	5	ETC,GEC,MOT	25	20R	5.0	.200	.225	A	85	J	2.000	B	16μA	25	34	
2N320	PG 212	5	ETC,GEC,MOT,SES	25	20R	5.0	.200	.225	A	85	J	2.500	B	16μA	25	50	
2N321	PG 212	5	ETC,GEC,MOT,SES	25	20R	5.0	.200	.225	A	85	J	3.000	B	16μA	25	80	
2N322	PG 212	5	ETC,GEC,MOT,SES	18	16	5.0	.100	.140	A	60	J	1.000	B	16μA	16	50	
2N323	PG 212	5	ETC,GEC,MOT,SES	18	16	5.0	.100	.140	A	60	J	1.500	B	16μA	16	80	
2N324	PG 212	5	ETC,GEC,MOT,SES,STI	18	16	5.0	.100	.140	A	60	J	4.000	G	16μA	16	88	.001
2N325	PG 605	3	SYL	35	35		2.000	12.000	C	85	J	.005	E	500μA	30	40	
2N326	NG 605	3	SYL,STI	35	35		2.000	7.000	C	85	J	.005	G	500μA	35	30	1.000
2N327	PS 170	9	RAY	50	35		.050	.330	A	160	A	.300	B	5NA	20	14	
2N327A	PS 210	5	HUG,SSD,ETC,NSC,SOL,CRY	50	40	20.0	.050	.330	A	160	J	5.000	G	100NA	30	14	.003
2N327B	PS 210	5	RAY,SOL,HUG,CRY	50	40	20.0		.400	A	200	J	2.000	G	1NA	30	15	.003
2N328	PS 170	9	RAY	35	35		.050	.330	A	160	A	.350	B	5NA	20	24	
2N328A	PS 210	5	HUG,SSD,ETC,NSC,SOL,CRY	50	35	20.0	.050	.330	A	160	J	5.000	G	100NA	30	26	.003
2N328B	PS 210	5	RAY,SOL,HUG,CRY	50	35	20.0		.400	A	200	J	2.000	G	1NA	30	30	.003

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N329	PS 170	9	RAY	30	35		.050	.330	A	160	A	.600	B	5NA	20	50	
2N329A	PS 210	5	HUG,SSD,ETC,NSC,SOL,CRY	50	30	20.0	.050	.330	A	160	J	15.000	G	100NA	30	60	.003
2N329B	PS 210	5	RAY,SOL,HUG,CRY	50	30	20.0		.400	A	200	J	2.000	G	1NA	30	60	.003
2N330	PS 170	9	RAY	45	35		.050	.330	A	160	A	.500	B	5NA	20	30	
2N330A	PS 210	5	SSD,SOL,HUG,CRY,STI	50	30	20.0	.050	.330	A	160	J	.500	B	100NA	30	26	
2N331	PG 210	5	ETC,MOT,GIC,RCA	30		12.0	.050	.200	A	65	J	.400	B	16μA	30	60	
2N332	NS 210	5	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	1.000	B	2NA	30	14	
2N332A	NS 210	5	ETC,TII,TEC,HUG,GEC	45	45	4.0	.025	.500	A	175	J	2.500	B	500NA	30	16	
2N333	NS 210	5	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	2.000	B	2μA	30	31	
2N333A	NS 210	5	ETC,TII,ETC,HUG,STI,GEC	45	45	4.0	.025	.500	A	175	J	2.500	G	500NA	30	30	
2N334	NS 210	5	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	8.000	B	2μA	30	38	
2N334A	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	45	45	4.0	.025	.500	A	175	J	8.000	G	500NA	30	36	
2N334B	NS 210	5	GEC	60	60		.025	.500	A			6.400	B			15	.001
2N335	NS 210	5	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	2.000	B	2μA	30	56	
2N335A	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	45	45	4.0	.025	.500	A	175	J	2.500	G	500NA	30	45	
2N335B	NS 210	5	ETC,HUG,GEC	60	60	4.0	.025	.500	A	175	J	2.500	B	500NA	30	60	
2N336	NS 210	5	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	2.000	B	2μA	30	100	
2N336A	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	45	45	4.0	.025	.500	A	175	J	2.500	G	500NA	30	75	
2N337	NS 210	5	RAD,TEC,TII,HUG	45		1.0	.020	.125	A	150	J	10.000	B	1μA	20	56	
2N337A	NS 210	5	TEC,HUG,STI,GEC	45	35	2.5	.020	.500	A	175	J	15.000	G	500NA	30	56	.010
2N338	NS 210	5	RAD,TEC,TII,ETC,HUG	45		1.0	.020	.125	A	150	J	20.000	B	1μA	20	100	
2N338A	NS 210	5	TEC,HUG,STI,GEC	45	35	2.5	.020	.500	A	175	J	25.000	G	500NA	30	100	.010
2N339	NS 210	11	TII,ETC,TEC,HUG	55	55	1.0	.060	1.000	C	150	J	AUD		1μA	30	50	
2N339A	NS 210	11	ETC,TEC,HUG	60	60	3.0		.250	H	200	J			1μA	30	30	.050
2N340	NS 210	11	TII,ETC,TEC,HUG	85	85	1.0	.060	1.000	C	150	J	AUD		1μA	30	50	
2N340A	NS 210	11	ETC,TEC,HUG	85	85	3.0		.250	H	200	J			1μA	30	30	.050
2N341	NS 210	11	TII,ETC,HUG	125	125	1.0	.060	1.000	C	150	J	AUD		1μA	30	50	
2N341A	NS 210	11	ETC,TEC,HUG	125	125	3.0		.250	H	200	J			1μA	30	47	
2N342	NS 210	11	TII,ETC,TEC,HUG	60	60	1.0	.060	1.000	C	150	J	AUD		1μA	30	16	
2N342A	NS 210	11	TII,ETC,TEC,HUG	85	85	1.0	.060	1.000	C	150	J	AUD		1μA	30	16	
2N342B	NS 210	11	TEC,TII	85	85	2.0	.060	1.000	C	150	J	AUD		1μA	30	20	
2N343	NS 210	11	TEC,ETC,HUG,TII	60	60	1.0	.060	1.000	C	150	J	AUD		1μA	30	56	
2N343A	NS 210	11	TEC,HUG,TII	60	60	1.0	.060	1.000	C	150	J	AUD		1μA	30	56	
2N343B	NS 210	11	HUG,STI,TII	65	65	2.0	.060	1.000	C	150	J	AUD		1μA	30	56	
2N344	PG 116	24	HUG,SPR	5	5	5.0	.005	.040	A	55	J	30.000	F	3μA	5	22	
2N345	PG 116	24	HUG,SPR	5	5	5.0	.005	.040	A	55	J	30.000	F	3μA	5	60	
2N346	PG 116	24	HUG,SPR	5	5	5.0	.005	.040	A	55	J	60.000	F	3μA	5	20	
2N350	PG 605	3	GPD,ETC,HUG,KSC,MOT	50	30S	10.0	3.000	10.000	A	100	J	.005	E	3MA	30	40	.700
2N350A	PG 605	3	MOT,GPD,ETC,HUG,KSC,STI	50	40S	25.0	6.000	94.000	C	100	J	.005	G	3MA	30	40	.700
2N351	PG 605	3	RCA,MOT,ETC,HUG,KSC,GPD	50	30S	10.0	3.000	10.000	A	90	J	AUD		3MA	30	60	.700
2N351A	PG 605	3	MOT,GPD,HUG,KSC,STI	50	40	25.0		94.000	C	100	J	.005	G	3MA	30	60	.700
2N352	PG 622 A		ETC,PHL	40	40	20.0	2.000	7.000	A	100	J	AM AO				85	1.000
2N353	PG 622 A		ETC,PHL	40	40	20.0	2.000	10.000	A	100	J	AM AO				95	1.000
2N354	PS 105	24	PHL	25	20	20.0	.050	.150	A	165	J	15.000	F				
2N355	PS 105	24	PHL	10			.050	.150	A			AMP,OSC					
2N356	NG 210	5	ETC	20	12	20.0	.500	.100	A	100	J	3.000	B	5μA	5	34	.100
2N356A	NG 212	5	ETC,GIC	30	20	20.0	.500	.150	A	85	J	3.000	B	5μA	5	34	.100
2N357	NG 212	5	ETC,GIC	20	15	20.0	.500	.100	A	100	J	6.000	B	5μA	5	34	.200
2N357+	NG 170	9	TAD	20	15	20.0	.500	.100	A	75	A	6.000	B	5μA	5	30	
2N357A	NG 212	5	ETC,GIC	30	20	20.0	.500	.150	A	100	J	6.000	B	5μA	5	50	.200
2N358	NG 212	5	ETC,GIC	20	12	20.0	.500	.100	A	100	J	9.000	B	5μA	5	34	.300
2N358+	NG 170	9	TAD,SYL	20	12	20.0	.500	.100	A	75	A	9.000	B	5μA	5	30	
2N358A	NG 212	5	ETC,GIC	30	15	20.0	.500	.150	A	100	J	9.000	B	5μA	5	50	.300
2N359	PG 210	5	ETC,STI,RAY	25	18R	6.0	.200	.170	A	95	J	3.500	B	10μA	12	175	.050
2N360	PG 210	5	ETC,RAY	32	30R	6.0	.200	.170	A	95	J	2.500	B	10μA	12	88	.050
2N361	PG 210	5	ETC,RAY	32	30R	6.0	.200	.170	A	95	J	2.500	B	10μA	12	44	.050
2N362	PG 210	5	ETC,RAY	25	18	6.0	.200	.170	A	85	S	2.000	B	15μA	12	100	.001
2N363	PG 210	5	ETC,RAY	32	28	6.0	.200	.170	A	85	S	1.500	B	15μA	12	50	.001
2N364	NG 210	5	ETC	30	25R	2.0	.075	.150	A	85	J	1.000	B	10μA	30	14	
2N364+	NG 10 B		TII	30		2.0	.050	.150	A	75	J	1.000	B	10μA	30	14	
2N365	NG 210	5	ETC	30	25R	2.0	.075	.150	A	85	J	1.000	B	10μA	30	38	
2N365+	NG 10 B		TII	30		2.0	.050	.150	A	75	J	1.000	B	10μA	30	28	
2N366	NG 210	5	ETC	30	25R	2.0	.075	.150	A	85	J	1.000	B	10μA	30	100	
2N366+	NG 10 B		TII	30		2.0	.050	.150	A	75	J	1.000	B	10μA	30	80	
2N367	PG 210	5	ETC	30	25R	10.0	.075	.150	A	85	J	.300	B	15μA	30	14	
2N368	PG 210	5	ETC	30	25R	10.0	.075	.150	A	85	J	.400	B	15μA	30	38	
2N368+	PG 10 B		TII	30		10.0	.050	.100	A	75	J	.400	B	20μA	30	34	
2N369	PG 210	5	ETC	30		10.0		.150	A	85	J	.500	B	15μA	30	90	
2N369+	PG 10 B		TII	30		10.0	.050	.100	A	75	J	.500	B	20μA	30	70	
2N370			SEE RF POWER SECTION														
2N371			SEE RF POWER SECTION														
2N372			SEE RF POWER SECTION														
2N373	PG 75	7	RCA	25		.5	.010	.080	A	71	A	130.000	G	8μA	12	60	
2N374	PG 75	7	RCA	25		.5	.010	.080	A	71	A	130.000	G	8μA	12	60	
2N375	PG 605	3	GPD,MOT,ETC,HUG,KSC	80	60R	20.0	3.000	45.000	C	90	J	.005	E	3MA	60	60	
2N376	PG 605	3	RCA,GPD,MOT,ETC,HUG,KSC	50	30R	10.0	3.000	10.000	A	90	J	.300	E	3MA	30	80	.700
2N376A	PG 605	3	MOT,GPD,ETC,HUG,KSC,STI	50	40S	25.0	5.000	94.000	C	100	J	.005	G	3MA	30	80	.700
2N377	NG 210	5	ETC,TAD,TII	25	20R	15.0	.200	.150	A	100	J	6.000	B	20μA	20	40	.030
2N377A	NG 210	5	ETC,STI,SYL	40	40X	15.0	.200	.150	A	100	J	6.000	B	40μA	40	60	.030
2N378	PG 605	3	MOT,SOL,ETC,HUG,KSC,TSE	40			3.000	106.000	C	110	J	.300	E	500μA	25	60	2.000
2N379	PG 605	3	DEL,TSE,MOT,SOL,ETC,HUG	8	40	20.0	3.000	100.000	C	110	J	.120	E	500μA	25	40	2.000
2N380	PG 605	3	DEL,TSE,MOT,SOL,ETC,HUG	60	30	20.0	3.000	100.000	C	110	J	.500	E	500μA	25	40	2.000
2N381	PG 212	5	ETC,MOT,STI,TSE	50	25R	20.0	.400	.225	A	85	J	3.000	B	15μA	25	60	.010
2N382	PG 212	5	ETC,MOT,TSE,STI	50	25R	20.0	.400	.225	A	85	J	4.000	B	10μA	25	102	.010
2N383	PG 212	5	MOT,TSE,ETC	50	25R	20.0	.400	.225	A	100	J	5.000	B	10μA	25	122	.010
2N384	PG 128	44	CSF,RCA	40		.5	.010	.120	A	100	A	50.000	B	12μA	12	100	
2N385	NG 212	5	TAD,ETC	25	25R	15.0	.200	.150	A	100	J	4.000	B	10μA	25	70	
2N385A	NG 212	5	TAD,ETC,SYL	40		15.0	.200	.150	A	100	J	4.000	B	40μA	40	110	.030
2N388	NG 212	5	CSF,RCA,TAD,TII,ETC,ITT	25	20	15.0	.200	.150	A	100	J	5.000	B	10μA	25	120	.030
2N388A	NG 212	5	TII,RCA,TAD,ETC,TIL,STI	40	20	15.0	.200	.150	A	100	J	8.000	B	10μA	25	180	.030
2N389	NS 731	53	AMF,TEC,TII,HUG,KSC,SEN	60	60R	10.0		85.000	C	200	J	8.500	G	10MA	60	36	
2N389A	NS 731	53	AMF,TEC,TII,STI,HUG,KSC	60	60S	10.0	3.000	85.000	C	200	J	2.000	B	10MA	60	36	1.000
2N392	PG 607	3	DEL,ETC,HUG,GPD	60	45	40.0	5.000	90.000	C	100	J	.006	E	8MA	60	110	3.000
2N393	PG 116	24	SPR,HUG	6	6	6.0	.050	.035	A	100	J	25.000	G	5μA	6	80	
2N394	PG 212	5	ETC,GEC	10	10	10.0	.200	.150	A	85	J	4.000	B	6μA	10	44	
2N394A	PG 211	5	GEC	30	15R	2.0	.200	.150	A	165	S	SW,IF	B				
2N395	PG 212	5	ETC,TAD,TII,RCA,GEC	15	20R	10.0	.200	.500	A	85	J	3.000	B	6μA	15	60	
2N396	PG 212	5	CSF,ETC,TAD,TII,RCA,GEC	20	20R	10.0	.200	.500	A	85	J	5.000	B	6μA	20	70	
2N396A	PG 212	5	GEC,ETC,STI	30	20	20.0	.200	.200	A	85	A	8.000	B	6μA	20	30	.010
2N397	PG 210	5	CSF,TII,TAD,RCA	15	15R	20.0	.200	.500	A	85	J	10.000	B	6μA	15	100	
2N398	PG 210	5	RCA,MOT,TII	105	105S	50.0	.100	.050	A	55	A	.500	B	50μA	105	40	
2N398A	PG 210	5	RCA,MOT,TII	105	105S	50.0	.100	.150	A	100	A	.500	B	50μA	105	40	
2N398B	PG 210	5	RCA,TII,TAD	105	105S	75.0	.200	.250	A	100	S	1.000	B	25μA	105	20	.005
2N399	PG 605	3	BEN,ETC,HUG,KSC,GPD	40		15.0	3.000	25.000	C	100	J	.006	E	1MA	25	80	.420
2N400	PG 605	3	SOL,ETC,HUG,KSC,BEN	25	20	15.0	3.000	35.000	C	95	S	.003	E	2MA	25	170	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N401	PG 605	3	SOL,ETC,HUG,KSC,BEN	40		15.0	3.000	25.000	C	100	J	.006	E	1MA	25	50	.420
2N402	PG 210	5	ETC,WEC	25	20	10.0	.150	.180	A	85	J	.300	B	15μA	20	30	
2N403	PG 210	5	ETC,WEC	25	20	10.0	.200	.180	A	85	J	.430	B	15μA	20	40	
2N404	PG 210	5	CSF,RCA,AMP,ETC,TAD,TII	25	24	12.0	.200	.150	A	100	A	12.000	B	5μA	12	40	.024
2N404A	PG 210	5	GEC,RCA,ETC,TAD,TII,GIC	40	35	25.0	.200	.150	A	100	J	12.000	B	5μA	12	30	.004
2N405	PG 210	5	ETC	20	18	2.5	.035	.150	A	85	J	.650	B	14μA	12	35	
2N405+	PG 55	40	RCA	20	18	2.5	.035	.150	A	71	A	.650	B	14μA	6	35	
2N406	PG 210	5	ETC	20	18	2.5	.035	.150	A	71	J	.650	B	14μA	12	35	
2N406+	PG 120	1	RCA,TAD	20	18	2.5	.035	.150	A	71	A	.650	B	14μA	6	35	
2N407	PG 210	5	ETC	20	18	2.5	.070	.150	A	71	J			14μA	12	75	.050
2N407+	PG 55	40	RCA	20	18	2.5	.070	.150	A	71	A	AUD		14μA	12	65	
2N408	PG 210	5	ETC	20	18	2.5	.070	.150	A	71	J	AUD		14μA	12	70	.050
2N408+	PG 120	1	RCA,TAD	20	18	2.5	.070	.150	A	71	A	AUD		14μA	12	65	
2N409	PG 210	5	ETC	13	9	.5	.015	.080	A	71	J	6.800	B	10μA	13	48	
2N409+	PG 55	40	RCA	13	10	.5	.015	.080	A	71	A	6.800	B	10μA	13	48	
2N410	PG 210	5	ETC	13	9	.5	.015	.080	A	71	J	6.800	B	10μA	16	48	
2N410+	PG 120	1	RCA	13	10	.5	.015	.080	A	71	A	6.800	B	10μA	13	48	
2N411	PG 210	5	ETC	13	9	.5	.015	.080	A	71	J	10.000	B	10μA	13	75	
2N411+	PG 55	40	RCA	13	10	.5	.015	.080	A	71	A	10.000	B	10μA	13	75	
2N412	PG 210	5	ETC	13	9	.5	.015	.080	A	71	J	10.000	B	10μA	13	75	
2N412+	PG 120	1	RCA	13	10	.5	.015	.080	A	71	A	10.000	B	10μA	13	75	
2N413	PG 210	5	GEC,ETC,TAD,RAY	30	18	20.0	.200	.150	A	85	A	3.000	B	5μA	12	40	
2N413A	PG 210	5	ETC	30	18	20.0	.200	.150	A	85	J	1.500	B	5μA	12	24	
2N414	PG 210	5	GEC,RCA,TAD,ETC,RAY	30	15	20.0	.200	.150	A	85	A	7.000	B	5μA	12	60	
2N414A	PG 210	5	ETC	30	15	20.0	.200	.150	A	85	J	2.000	B	5μA	12	60	
2N414B	PG 210	5	ETC,ITC	30	15	20.0	.200	.200	A	85	J	4.000	B	5μA	12	60	
2N414C	PG 210	5	ETC,ITC	30	15	20.0	.200	.200	A	85	J	4.000	B	5μA	12	60	
2N415	PG 210	5	ETC	30	10	20.0	.200	.150	A	85	J	5.000	B	5μA	12	80	
2N415A	PG 210	5	ETC	30	10	20.0	.200	.150	A	85	J	5.000	B	5μA	12	80	
2N416	PG 210	5	ETC,RAY	30	12	20.0	.200	.150	A	85	J	5.000	B	5μA	12	80	
2N417	PG 210	5	ETC,RAY	30	10	20.0	.200	.150	A	85	J	10.000	B	5μA	12	140	
2N418	PG 605	3	SOL,ETC,HUG,KSC,BEN	100	80	15.0	5.000	25.000	C	100	J	.400	E	2MA	60	80	4.000
2N419	PG 605	3	SOL,ETC,HUG,KSC,BEN	25	20	15.0	3.000	35.000	C	95	S	.003	E	1MA	25	200	.500
2N420	PG 605	3	SOL,ETC,HUG,KSC,BEN	65	45	15.0	5.000	25.000	C	100	J	.400	E	1MA	25	80	4.000
2N420A	PG 605	3	SOL,HUG,KSC,STI,BEN	90	70	15.0	5.000	25.000	C	100	J	.400	E	2MA	60	80	4.000
2N422	PG 210	5	ETC,HUG,RAY	35	20	15.0	.100	.150	A	85	J	.500	B	12μA	20	60	
2N422A	PG 210	5	RAY	35	20	12.0	.200	.185	A	100	S	1.500	B	6μA	20	75	5.000
2N424	NS 731	53	AMF,TEC,TII,HUG,KSC,SEN	80	80R	10.0	3.000	85.000	C	200	J	6.000	G	10MA	60	36	
2N424A	NS 731	53	AMF,TEC,TII,STI,HUG,KSC	80	80S	10.0	3.000	85.000	C	200	J	2.000	B	10MA	60	36	1.000
2N425	PG 210	5	ETC,TAD,STI,RAY,TII	30	20	20.0	.400	.150	A	85	A	2.500	B	25μA	30	20	.010
2N426	PG 210	5	TAD,TII,ETC,STI,RAY	30	18	20.0	.400	.150	A	85	J	6.000	B	25μA	30	25	.010
2N427	PG 210	5	TAD,TII,ETC,STI,RAY	30	15	20.0	.400	.150	A	85	J	11.000	B	25μA	20	25	.010
2N428	PG 210	5	CSF,TII,TAD,ETC,HUG,RAY	30	12	20.0	.400	.150	A	85	J	17.000	B	25μA	30	30	.010
2N438	NG 210	5	ETC,TAD,TII	30	25	25.0	.400	.150	A	85	J	2.500	B	10μA	25	25	
2N438A	NG 210	5	TAD,ETC,GIC,TII,CBS	30	25	25.0	.400	.150	A	85	J	2.500	B	10μA	25	25	
2N439	NG 210	5	TII,TAD,ETC	30	25	25.0	.400	.150	A	85	J	5.000	B	10μA	25	45	.050
2N439A	NG 210	5	TAD,ETC,GIC,CBS	30	25	25.0	.400	.150	A	85	J	5.000	B	10μA	25	45	.050
2N440	NG 210	5	TII,TAD,ETC	30	20	25.0	.400	.150	A	85	J	12.000	B	10μA	25	70	.050
2N440A	NG 210	5	TAD,ETC,GIC,CBS	30	15	25.0	.400	.150	A	85	J	12.000	B	10μA	25	70	5.000
2N441	PG 405	36	DEL,MOT,ETC,GPD,HUG	40	40	20.0	15.000	150.000	C	100	C	.300	E	4MA	40	30	5.000
2N442	PG 405	36	DEL,MOT,ETC,GPD,HUG	50	45	30.0	15.000	150.000	C	100	C	.300	E	4MA	50	30	5.000
2N443	PG 405	36	DEL,MOT,ETC,GPD,HUG	60	55	40.0	15.000	150.000	C	100	C	.300	E	4MA	60	30	5.000
2N444	NG 212	5	ETC,GIC	15	15	10.0	.100	.180	A	85	J	.500	B	6μA	10	20	
2N444+	NG 170	9	CBS	15	15	10.0	.100	.100	A	85	J	.500	B	6μA	10	20	
2N444A	NG 212	5	ETC,GIC	40	25	10.0		.150	A	100	J	.500	B	4μA	5	30	.020
2N445	NG 212	5	ETC,GIC	15	12	10.0	.100	.180	A	85	J	2.000	B	6μA	10	40	
2N445+	NG 170	9	CBS	15	12	10.0	.100	.100	A	85	J	2.000	B	6μA	10	40	
2N445A	NG 212	5	ETC,GIC	30	18	10.0		.150	A	100	J	2.000	B	4μA	5	80	.020
2N446	NG 212	5	ETC,GIC	15	10	10.0	.100	.180	A	85	J	5.000	B	6μA	10	60	
2N446+	NG 170	9	CBS	15	10	10.0	.100	.100	A	85	J	5.000	B	6μA	10	60	
2N446A	NG 212	5	ETC,GIC	30	15	10.0		.150	A	100	J	5.000	B	4μA	5	120	.020
2N447+	NG 212	5	GIC,ETC	15	6	12.0	.100	.100	A	85	A	1.000	B	10μA	20	50	
2N447A	NG 212	5	ETC,GIC	30	12	10.0		.150	A	100	J	9.000	B	4μA	5	155	.020
2N447B	NG 210	5	GIC	25				.150	A	100	S	SS				80	.020
2N448	NG 210	5	ETC	15	15R		.020	.065	A	85	J	2.500	B	5μA	15	34	
2N448+	NG 12 B		GEC	15	15		.020	.065	A	85	A	5.000	B	5μA	15	30	
2N449	NG 210	5	ETC	15	15		.020	.065	A	85	J	8.000	B	5μA	15	68	.001
2N449+	NG 12 B		GEC	15	15		.020	.065	A	85	A	8.000	B	5μA	15	70	
2N450	PG 210	5	ETC	20	12	10.0	.125	.150	A	85	J	5.000	B	6μA	12	60	
2N450+	PG 57 C		GEC	20	12	10.0	.125	.150	A	85	J	5.000	B	6μA	12	130	
2N456	PG 605	3	GPD,ETC,HUG,KSC,TII	40	40X	20.0	5.000	50.000	C	100	J	.200	G	2MA	40	20	5.000
2N456A	PG 605	3	DEL,TII,GPD,ETC,MOT,HUG	40	20	20.0	7.000	50.000	C	100	J	.200	G	500μA	20	60	5.000
2N456B	PG 605	3	DEL,TII,GPD,ETC,HUG,KSC	40	50S	30.0	7.000	150.000	C	100	J	.200	G	500μA	20	60	5.000
2N457	PG 605	3	TII,ETC,HUG,KSC,GPD	60	60X	20.0	5.000	50.000	C	95	C	.200	G	500μA	30	20	5.000
2N457A	PG 605	3	DEL,TII,TIL,ETC,MOT,HUG	60	30	20.0	7.000	50.000	C	100	J	.200	G	500μA	30	60	5.000
2N457B	PG 605	3	DEL,TII,GPD,ETC,HUG,KSC	60	60S	30.0	7.000	150.000	C	100	J	.200	G	500μA	30	60	5.000
2N458	PG 605	3	TII,ETC,HUG,KSC,GPD	80	80X	20.0	5.000	50.000	C	100	J	.200	G	500μA	40	20	5.000
2N458A	PG 605	3	DEL,TII,GPD,ETC,MOT,HUG	80	40	20.0	7.000	50.000	C	100	J	.200	G	500μA	40	60	5.000
2N458B	PG 605	3	DEL,TII,GPD,ETC,HUG,KSC	80	65S	30.0	7.000	150.000	C	100	J	.200	G	500μA	40	60	5.000
2N459	PG 605	3	MOT,ETC,TSE		60	10.0	5.000	50.000	A	110	J	.005	E	500μA	25	45	2.000
2N459A	PG 605	3	MOT,ETC,TSE	105	60	25.0	5.000	106.000	C	110	J	.005	E	500μA	25	54	2.000
2N460	PG 212	5	MOT,TSE,TAD,ETC	45	35	10.0	.400	.200	A	100	J	1.200	B	15μA	45	26	
2N461	PG 212	5	MOT,TAD,TSE,ETC	45	35R	10.0	.400	.200	A	100	J	2.000	B	15μA	45	100	
2N462	PG 105	25	ETC	40		40.0	.200	.150	A	75	J	.500	B	35μA	35	40	
2N463	PG 412	32	WEC	60		50.0	5.000	50.000	A					300MA	2	40	2.000
2N464	PG 210	5	MOT,ETC,TAD,RAY	45	40	12.0	.100	.150	A	85	J	7.000	B	20μA	40	26	
2N465	PG 210	5	MOT,ETC,TAD,GIC,RAY	45	30	12.0	.100	.150	A	85	J	8.000	B	20μA	40	30	
2N466	PG 210	5	MOT,ETC,TAD,STI,RAY	35	20	12.0	.100	.150	A	85	J	1.000	B	20μA	35	65	.001
2N467	PG 210	5	MOT,TAD,TII,ETC,STI,RAY	35	15	12.0	.100	.200	A	85	J	1.200	B	20μA	35	110	.001
2N470	NS 210	5	ETC,TEC,HUG,TII	15	15	2.0		.200	A	200	J	18.000	G	500NA	15	18	
2N471	NS 210	5	ETC,TEC,HUG,TII	30	30	2.0		.200	A	200	J	18.000	G	500NA	30	18	
2N471A	NS 210	5	ETC,TEC,HUG	30	30	2.0	.025	.200	A	200	S	8.000	G	500NA	30	10	.010
2N472	NS 210	5	TEC,ETC,HUG,TII	45	45	2.0	.050	.200	A	200	J	18.000	G	500NA	45	18	
2N472A	NS 210	5	ETC,TEC,HUG,STI	45	45	2.0	.025	.200	A	200	S	8.000	G	500NA	45	16	
2N473	NS 210	5	TEC,ETC,HUG,TII	15	15	2.0	.050	.200	A	200	J	18.000	G	500NA	15	36	
2N474	NS 210	5	TEC,ETC,HUG,TII	30	30	2.0	.050	.200	A	100	J	18.000	G	500NA	30	36	
2N474A	NS 210	5	ETC,TEC,HUG,STI	30	30	2.0	.025	.200	A	200	S	8.000	G	500NA	30	15	.010
2N475	NS 210	5	TEC,ETC,HUG,TII	45	45	2.0	.050	.200	A	200	J	18.000	G	500NA	45	36	
2N475A	NS 210	5	ETC,TEC,HUG,STI	45	45	2.0	.025	.200	A	200	S	8.000	G	500NA	45	15	.010
2N476	NS 210	5	STI,TEC	15	15			.200	A	200	J	12.000	G				
2N477	NS 210	5	STI,TEC	30	30			.200	A	200	J	12.000	G				
2N478	NS 210	5	ETC,TEC,HUG,TII	15	15	2.0		.200	A	200	J	25.000	G	500NA	15	60	
2N479	NS 210	5	ETC,TEC,HUG,TII	30	30	2.0		.200	A	200	J	25.000	G	500NA	30	60	
2N479A	NS 210	5	ETC,TEC,HUG,STI	30	30	2.0	.025	.200	A	200	S	20.000	G	500NA	30	30	.010
2N480	NS 210	5	ETC,TEC,TII	45	45	2.0		.200	A	200	J	25.000	G	500NA	45	60	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N480A	NS 210	5	ETC,TEC,HUG,STI	45	45	2.0	.025	.200	A	200	S	20.000	G	500NA	45	30	.010
2N481	PG 210	5	ETC,RAY	12	12	5.0	.020	.150	A	85	J	1.500	B	10µA	12	50	
2N482	PG 210	5	ETC,RAY	12	12	5.0	.020	.150	A	85	J	1.500	B	10µA	12	60	
2N483	PG 210	5	ETC,RAY	12	12	5.0	.020	.150	A	85	J	3.000	B	10µA	12	80	
2N484	PG 210	5	ETC,RAY	12	12	5.0	.020	.150	A	85	J	5.000	B	10µA	12	90	
2N485	PG 210	5	ETC,STI,RAY	12	12	5.0	.010	.150	A	85	J	5.000	B	10µA	12	50	.001
2N486	PG 210	5	ETC,STI,RAY	12	12	5.0	.010	.150	A	85	J	9.000	B	10µA	12	75	.001
2N487	PG 210	5	RAY	18	18R	3.0	.025	.100	A	85	S	25.000	G	15µA	12	20	.001
2N495	PS 120	1	SPR	25	25		.050	.150	A	140	J			1µA	25	23	.001
2N496	PS 120	1	HUG,STI	10	10		.050	.150	A	140	J	7.200	G	100NA	10	23	.015
2N497	NS 211	5	GEC,TII,RAY,NSC,TEC,HUG	60	60	8.0	.200	.800	A	200	J	60.000	G	10µA	30	20	.200
2N497A	NS 211	5	GEC,STI,TII,TEC,HUG	60	60	8.0	.500	1.000	A	200	J	AUD		10µA	30	20	.200
2N498	NS 211	5	GEC,TII,RAY,NSC,TEC,HUG	100	100	8.0	.200	.800	A	200	J	60.000	G	10µA	30	20	.200
2N498A	NS 211	5	GEC,STI,TII,TEC,HUG	100	100	8.0	.500	1.000	A	200	J	AUD		10µA	30	20	.200
2N499	PG 120	1	ETC,SPR,MOT,HUG	30	18	.5	.050	.030	A	85	J	120.000	G	15µA	15	40	
2N499A	PG 120	1	ETC,SPR,MOT,HUG,PHL	30	18	.5	.050	.060	A	100	J	120.000	G	15µA	15	40	
2N500	PG 170	9	ETC	15	12S	2.0	.050	.060	A	100	J	175.000	G	5µA	5	30	.010
2N501	PG 120	1	SPR,ETC,HUG	15	12S	2.0	.050	.060	A	100	J	120.000	G	5µA	5	30	.050
2N501/18	PG 211	18	SYL	15	12S	2.0	.200	.150	A	100	J	50.000	G	100µA	15	40	
2N501A	PG 120	1	SPR,ETC,HUG	15	12S	2.0	.050	.060	A	100	J	175.000	G	5µA	5	45	.010
2N502	PG 170	9	SPR,ETC,MOT,HUG	20	20	.5	.100	.060	A	100	J	260.000	G	5µA	10	18	
2N502A	PG 170	9	SPR,ETC,MOT,HUG	30	30	.5	.100	.075	A	100	J	220.000	G	5µA	10	30	
2N502B	PG 170	9	SPR,ETC,MOT,HUG,PHL	30	30	.5	.100	.075	A	100	J	260.000	G	5µA	10	40	
2N503	PG 170	9	SPR,ETC,HUG	20	20S	.5	.050	.025	A	85	J	168.000	G	5µA	10	15	
2N504	PG 120	1	SPR,ETC,HUG,PHL	35	25S	1.0	.050	.030	A	85	J	50.000	F	10µA	12	16	
2N505	PG 210	5	ETC	40		40.0	.250	.125	A	85	J	5.000	B	10µA	25	60	
2N506	PG 210	5	ETC	40			.100	.050	A	85	J	.600	B	15µA	30	50	
2N506+	PG 10	22	SYL	40			.100	.050	A	85	J	.600	B	125µA	40	36	
2N507	NG 10	22	SYL	40			.100	.050	A	85	J	.600	B	125µA	40	36	
2N508	PG 212	5	GEC,TAD,ETC,MOT	18	16	5.0	.100	.140	A	85	J	4.500	B	7µA	16	120	
2N508A	PG 212	5	GEC,MOT,STI	30	30S	10.0	.200	.200	A	100	S	2.500	B	7µA	25	150	.020
2N509			SEE RF POWER SECTION														
2N511	PG 607	41	TIL,TII,ETC,GPD,HUG	40	20	30.0	25.000	150.000	C	100	J	.250	G	5µA	40	40	10.000
2N511A	PG 607	41	TIL,TII,ETC,GPD,HUG	60	30	30.0	25.000	150.000	C	100	J	.250	G	5µA	60	40	10.000
2N511B	PG 607	41	TIL,TII,ETC,GPD,HUG	80	40	30.0	25.000	150.000	C	100	J	.250	G	5µA	80	40	10.000
2N512	PG 607	41	TIL,TII,ETC,HUG,GPD	40	30	30.0	25.000	150.000	C	100	J	.270	G	5µA	40	40	15.000
2N512A	PG 607	41	GPD,TII,ETC,HUG,TIL	60	40	30.0	25.000	150.000	C	100	J	.270	G	5µA	60	40	15.000
2N512B	PG 607	41	TIL,TII,ETC,HUG,GPD	80	45	30.0	25.000	150.000	C	100	J	.270	G	5µA	80	40	15.000
2N513	PG 607	41	TII,ETC,HUG,TIL,GPD	40	20	30.0	25.000	150.000	C	100	J	.300	G	5µA	40	40	20.000
2N513A	PG 607	41	TIL,ETC,HUG,GPD,TII	60	30	30.0	25.000	150.000	C	100	J	.300	G	5µA	60	40	20.000
2N513B	PG 607	41	GPD,ETC,HUG,TIL,TII	80	40	30.0	25.000	150.000	C	100	J	.300	G	5µA	80	40	20.000
2N514	PG 607	41	TIL,ETC,GPD,HUG,TII	40	40	30.0	25.000	80.000	C	100	J	.430	G	5µA	40	40	25.000
2N514A	PG 607	41	TIL,ETC,TII,HUG,GPD	60	50	30.0	25.000	80.000	C	100	J	.430	G	5µA	60	40	25.000
2N514B	PG 607	41	TIL,ETC,TII,HUG,GPD	80	60	30.0	25.000	80.000	C	100	J	.430	G	5µA	80	40	25.000
2N515	NG 210	5	ETC		18R		.050	.100	A	100	J	2.000	B	50µA	18	10	.010
2N515+	NG 10	22	SYL	18	18R		.010	.050	A	75	J	2.000	B	50µA	18	10	
2N516	NG 210	5	ETC		18R		.050	.100	A	100	J	2.000	B	50µA	18	10	
2N516+	NG 10	22	SYL	18	18R		.010	.050	A	75	J	2.000	B	50µA	18	14	
2N517	NG 210	5	ETC		18R		.050	.100	A	100	J	2.000	B	50µA	18	10	
2N517+	NG 10	22	SYL	18	18R		.010	.050	A	75	J	2.000	B	50µA	18	18	
2N518	PG 210	5	ETC	45		30.0	.125	.150	A	85	J	6.000	B	10µA	25	60	
2N519	PG 210	5	ETC	15	15	10.0	.200	.100	A	100	J	.500	B	25µA	15	30	
2N519A	PG 210	5	ETC,GIC	25	18	10.0		.150	A	100	J	.500	B	25µA	20	30	.020
2N520	PG 210	5	ETC,TII	15	12	10.0	.200	.100	A	100	J	3.000	B	25µA	15	40	
2N520A	PG 210	5	ETC,GIC,TII	25	15	10.0		.150	A	100	J	3.000	B	25µA	20	90	.020
2N521	PG 210	5	ETC	15	10	10.0	.200	.100	A	100	J	8.000	B	25µA	15	70	
2N521A	PG 210	5	ETC,GIC	25	12	10.0		.150	A	100	J	8.000	B	25µA	20	160	.020
2N522	PG 210	5	ETC	15	6	10.0	.200	.100	A	100	J	15.000	B	25µA	15	130	
2N522A	PG 210	5	ETC,GIC,TII	25	10	10.0		.150	A	100	J	15.000	B	25µA	20	200	.020
2N523	PG 210	5	ETC	15	6	10.0	.200	.200	A	100	J	21.000	B	25µA	15	160	
2N523A	PG 210	5	ETC,GIC	20	6	10.0		.150	A	100	J	21.000	B	25µA	15	250	.020
2N524	PG 212	5	CSF,GEC,MOT,ETC,TAD,TIL	45	30R	15.0	.500	.225	A	100	J	2.500	B	10µA	30	34	.020
2N524A	PG 212	5	MOT,TII	45	30R	30.0	.500	.225	A	100	J	2.900	B	10µA	30	34	.020
2N525	PG 212	5	CSF,GEC,MOT,ETC,TAD,SES	45	30R	15.0	.500	.225	A	100	J	3.000	B	10µA	30	50	.020
2N525A	PG 212	5	MOT,TII	45	30R	30.0	.500	.225	A	100	J	3.000	B	10µA	30	50	.020
2N526	PG 212	5	CSF,GEC,MOT,ETC,TAD,SES	45	30R	15.0	.500	.225	A	100	J	3.500	B	10µA	30	72	.020
2N526A	PG 212	5	MOT,STI,TII	45	30R	30.0	.500	.225	A	100	J	3.900	B	10µA	30	72	.020
2N527	PG 212	5	CSF,GEC,MOT,ETC,TAD,SES	45	30R	15.0	.500	.225	A	100	J	4.000	B	10µA	30	122	.020
2N527A	PG 212	5	MOT,TII	45	30R	30.0	.500	.225	A	100	J	4.000	B	10µA	30	96	.020
2N528	PG 120	38	WEC	40		40.0	1.000	2.500	A	100	J	8.000	G			20	
2N529			M.P. NPN & PNP														
2N529/N	NG 210	5	ETC	15	15	5.0		.100	A	85	J	2.500	B	5µA	5	18	.001
2N529/P	PG 210	5	ETC	15	15	5.0		.100	A	85	J	2.500	B	5µA	5	18	.001
2N530			M.P. NPN & PNP														
2N530/N	NG 210	5	ETC	15	15	5.0		.100	A	85	J	3.000	B	5µA	5	22	.001
2N530/P	PG 210	5	ETC	15	15	5.0		.100	A	85	J	3.000	B	5µA	5	22	.001
2N531			M.P. NPN & PNP														
2N531/N	NG 210	5	ETC	15	15	5.0		.100	A	85	J	3.500	B	5µA	5	28	.001
2N531/P	PG 210	5	ETC	15	15	5.0		.100	A	85	J	3.500	B	5µA	5	28	.001
2N532			M.P. NPN & PNP														
2N532/N	NG 210	5	ETC	15	15	5.0		.100	A	85	J	4.000	B	5µA	5	32	.001
2N532/P	PG 210	5	ETC	15	15	5.0		.100	A	85	J	4.000	B	5µA	5	32	.001
2N533			M.P. NPN & PNP														
2N533/N	NG 210	5	ETC	15	15	5.0		.100	A	85	J	4.500	B	5µA	5	38	.001
2N533/P	PG 210	5	ETC	15	15	5.0		.100	A	85	J	4.500	B	5µA	5	38	.001
2N534	PG 116	23	PHL	50			.025	.025	A	65	J	1.500	B	15µA	50	100	
2N535	PG 210	5	ETC	20	20	20.0	.020	.050	A	85	J	1.000	B	10µA	12	130	
2N535A	PG 210	5	ETC	20	20	20.0	.020	.050	A	85	J	1.000	B	10µA	12	130	
2N535B	PG 210	5	ETC	20	20	20.0	.020	.050	A	85	J	1.000	B	10µA	12	130	
2N536	PG 210	5	ETC	20		20.0	.030	.050	A	85	J	1.000	B	10µA	12	180	
2N536+	PG 116	23	PHL	20			.030	.050	A	85	J	1.000	B	10µA	12	180	
2N537	PG 210	29	WEC	30		1.0	.100	.250	A	100	J	600.000	G				
2N538	PG 427 A		GPD,HUG,KSC,MHE	80	60	28.0	3.500	30.000	C	100	J	200.000	G	2MA	80	32	2.000
2N538A	PG 427 A		MHE,HUG,KSC,GPD	80	60	28.0	3.500	34.000	C	100	J	.200	G	2MA	80	34	2.000
2N539	PG 427 A		MHE,HUG,KSC,GPD	80	55	28.0	3.500	30.000	C	100	J	200.000	G	2MA	80	48	2.000
2N539A	PG 427 A		MHE,HUG,KSC,GPD	80	55	28.0	3.500	34.000	C	100	J	.200	G	2MA	80	50	2.000
2N540	PG 427 A		MHE,HUG,KSC,GPD	80	55	28.0	3.500	30.000	C	100	J	200.000	G	2MA	80	74	2.000
2N540A	PG 427 A		MHE,HUG,KSC,GPD	80	55	28.0	3.500	34.000	C	100	J	.200	G	2MA	80	74	2.000
2N541	NS 210	5	ETC,TII,TEC,STI	15	15	2.0		.200	A	200	J	25.000	G	500NA	15	140	
2N541A	NS 210	5	TEC	15				.200	A	200	A	AA,IND					
2N542	NS 210	5	ETC,TII,TEC,HUG	30	30	2.0		.200	A	200	J	25.000	G	500NA	30	140	
2N542A	NS 210	5	ETC,TEC,HUG,STI	30	30	2.0	.025	.200	A	200	S	10.000	G	500NA	30	40	.010
2N543	NS 210	5	ETC,TII,TEC,HUG	50	50	2.0		.200	A	200	J	25.000	G	500NA	45	140	
2N543A	NS 210	5	ETC,TEC,HUG,STI	50	50	2.0	.025	.200	A	200	S	10.000	G	500NA	45	60	.010
2N544	PG 75	7	RCA	18		1.0	.010	.080	A	85	J	30.000	B	4µA	12	80	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N544/33	PG 217	33	SYL	24		1.0	.010	.080	A	100	J	30.000	B	24μA	50	80	
2N545	NS 210	5	STI,TEC,HUG	60	60	6.0	.800	.600	A	200	J	10.000	G	15μA	60	50	.500
2N546	NS 210	5	STI,TEC,HUG	30	60	6.0	.800	.600	A	200	J	4.000	G	15μA	60	50	.500
2N547	NS 210	5	STI,ETC,TEC,HUG	60	60	6.0	.800	.600	A	200	J	4.000	G	15μA	60	50	.500
2N548	NS 210	5	STI,ETC,TEC,HUG	30	30	6.0	.800	.600	A	200	C	4.000	G	15μA	60	50	.500
2N549	NS 210	5	STI,ETC,TEC,HUG	60	60	6.0	.800	.600	A	200	J	4.000	G	15μA	60	50	.200
2N550	NS 210	5	ETC,TEC,HUG,STI	30	30	6.0	.800	.600	A	200	J	4.000	G	15μA	30	50	.200
2N551	NS 210	5	STI,ETC,TEC,HUG	60	60	6.0	.200	.600	A	200	J	3.000	G	15μA	60	50	.050
2N552	NS 211	5	TEC,ETC,TEC,HUG,STI	30	30	6.0	.200	.600	A	200	J	3.000	G	15μA	30	50	.050
2N553	PG 605	3	GPD,ETC,HUG,KSC,STI,DEL	80	40	40.0	4.000	50.000	C	95	J	.025	G	2MA	60	60	.500
2N554	PG 605	3	DEL,MOT,GPD,ETC,HUG,STI	30	30	20.0	3.000	10.000	A	110	J	.005	G	10MA	15	50	1.000
2N555	PG 605	3	MOT,GPD,ETC,HUG,STI	40	30	15.0	3.000	10.000	A	90	J	.008	G	20MA	30	25	.500
2N556	NG 210	5	SYL	25	20R	10.0	.200	.100	A	85	J			10μA	25	50	
2N557	NG 210	5	ETC,SYL	20	20R	10.0	.200	.100	A	85	J	MS SW		10μA	20	40	
2N558	NG 210	5	ETC,SYL	15	15R	5.0	.200	.100	A	85	J	MS SW		25μA	10	100	
2N559	PG 210	28	MOT,WEC	15	15S	3.5	.050	.150	A	100	J	300.000	G	3μA	5	54	.010
2N560	NS 210	5	ETC,NSC,HUG,WEC	60	60S	8.0	.100	.600	A	200	J			100NA	20	30	.100
2N561	PG 605	3	SOL,ETC,HUG,KSC,RCA	80	50	60.0	5.000	50.000	C	100	J	.005	E	500μA	30	32	4.000
2N563	PG 57 C		ETC,GIC	30	25	10.0	.300	.150	A	85	J	.400	B	5μA	10	20	
2N564	PG 170 E		ETC,GIC	30	25	10.0	.300	.120	A	85	J	.400	B	5μA	10	20	
2N565	PG 57 C		ETC,GIC	30	25	10.0	.300	.150	A	85	J	.500	B	5μA	10	36	
2N566	PG 170 E		ETC,GIC	30	25	10.0	.300	.120	A	85	J	.500	B	5μA	10	36	
2N567	PG 57 C		ETC,GIC	30	25	10.0	.300	.150	A	85	J	.700	B	50μA	10	60	
2N568	PG 170 E		ETC,GIC	30	25	10.0	.300	.150	A	85	J	.750	B	5μA	10	60	
2N569	PG 57 C		ETC,GIC	30	15	10.0	.300	.150	A	85	J	1.000	B	5μA	10	80	
2N570	PG 170 E		ETC,GIC	30	15	10.0	.300	.120	A	85	J	1.000	B	5μA	10	80	
2N571	PG 212	5	GIC	30	10	10.0	.300	.150	A	85	A	3.000	B	5μA	10	100	.001
2N572	PG 170 E		ETC	30	15	10.0	.300	.120	A	85	J	1.000	B	5μA	10	80	
2N573	PG 210	5	MOT	40	25	25.0	.250	.200	A	100	S	LP,AF				30	.050
2N574	PG 480 A		MHE,HUG,GPD	60	55	28.0	10.000	187.000	C	100	J	.100	G	7MA	60	15	10.000
2N574A	PG 480 A		GPD,HUG,MHE	80	60	28.0	10.000	187.000	C	100	J	.100	G	20MA	80	15	10.000
2N575	PG 480 A		MHE,HUG,GPD	60	50	28.0	25.000	187.000	C	100	J	.150	G	7MA	60	30	10.000
2N575A	PG 480 A		GPD,MHE	80	55	28.0	25.000	187.000	C	100	J	.150	G	20MA	80	30	10.000
2N576	NG 212	5	ETC,SYL	20	50X	15.0	.400	.200	A	100	J	8.000	B	10μA	25	35	.400
2N576A	NG 212	5	ETC,SYL	40	40X	15.0	.400	.200	A	100	J	10.000	B	40μA	40	35	.400
2N578	PG 210	5	ETC	20	14	12.0	.400	.120	A	71	J	3.000	B	5μA	12	15	.400
2N578+	PG 170	9	TAD,RCA	20	15	12.0	.400	.120	A	71	J	5.000	B	5μA	12	15	
2N579	PG 210	5	ETC,GIC	20	14	12.0	.400	.120	A	71	J	5.000	B	5μA	12	36	.400
2N579+	PG 170	9	TAD,RCA	20	15	12.0	.400	.120	A	71	J	8.000	B	5μA	12	30	
2N580	PG 210	5	ETC,GIC	20	14	12.0	.400	.120	A	71	J	10.000	B	5μA	12	44	.400
2N580+	PG 170	9	TAD,RCA	20	15	12.0	.400	.120	A	71	J	15.000	B	5μA	12	44	
2N581	PG 210	5	RCA,TAD,ETC,TII	18	15	10.0	.100	.080	A	85	A	4.000	B	10μA	12	30	.020
2N582	PG 210	5	ETC,RCA,TAD,TII	25	14	12.0	.100	.120	A	85	J	14.000	B	5μA	12	60	.024
2N583	PG 210	5	ETC	18	15	10.0	.100	.120	A	85	J	4.000	B	10μA	12	40	
2N583+	PG 120	1	RCA	18	15	10.0	.100	.080	A	85	J	8.000	B	10μA	12	30	
2N584	PG 210	5	ETC	25	14R	12.0	.100	.120	A	85	J	14.000	B	5μA	12	60	.024
2N584+	PG 120	1	RCA	25	14	12.0	.100	.120	A	85	J	18.000	B	5μA	12	60	
2N585	NG 170	9	ETC,GIC	25	24	20.0	.200	.120	A	85	J	3.000	B	8μA	12	30	.020
2N585+	NG 210	5	RCA,TAD	25	15	20.0	.200	.120	A	85	A	2.500	B	8μA	12	40	
2N586	PG 55 B		ETC,RCA	45	25	12.0	.250	.250	A	85	J	MS SW		16μA	45	60	
2N587	NG 212	5	ETC,TAD,TII,SYL	40	30	40.0	.200	.150	A	100	J	MS SW		10μA	40	30	.200
2N588	PG 120	1	SPR,ETC,HUG	15	15S	.5	.050	.040	A	85	J	200.000	F	15μA	15		
2N588A	PG 120	1	HUG,GIC	15	15S	.5	.050	.060	A	85	S	200.000	F	15μA	15	45	.010
2N591	PG 120	1	ETC,RCA	32	32R		.020	.050	A	85	J	.340	B	7μA	1	70	
2N591/5	PG 210	5	SYL	35	32R		.100	.055	A	85	J	.700	B	7μA	1	70	
2N592	PG 174	9	GIC	20	20R	20.0		.125	A			.300	B	5μA	5	26	
2N593	PG 174	9	GIC	40	25R	35.0		.125	A			.400	B	5μA	5	30	
2N594	NG 210	5	GIC	20	20	20.0		.100	A			1.500	B	5μA	5	36	
2N595	NG 210	5	GIC	15	15	20.0		.100	A			.300	B	5μA	5	50	
2N596	NG 210	5	GIC	10	10	20.0		.100	A			.500	B	5μA	5	70	
2N597	PG 211	5	ETC,GIC,STI	45	40R	45.0	.500	.250	A	100	J	3.000	B	8μA	15	80	.100
2N597+	PG 171	9	PHL	45	40S	45.0	.400	.250	A	100	J	3.000	B	25μA	45	70	
2N598	PG 211	5	ETC,GIC	35	35R	30.0	.500	.250	A	100	J	5.600	B	8μA	15	140	.100
2N599	PG 171	9	ETC,GIC,PHL,STI,TII	30	20R	20.0	.500	.250	A	100	J	12.000	B	8μA	15	160	.100
2N600	PG 211 S		GIC,PHL	30	20	30.0	.400	.750	A			5.000	G	5μA	2	126	.100
2N601	PG 211 S		GIC,PHL	30	20S	20.0	.500	.750	A			10.000	G	5μA	2	150	.100
2N602	PG 170	9	SYL,GIC	20	20	1.0		.120	A	85	J	10.000	G	25μA	30	40	
2N603	PG 170	9	GIC	30	20	1.0		.120	A	85	J	30.000	G	20μA	30	50	
2N604	PG 170	9	GIC	30	20	2.0		.120	A	85	J	50.000	G	20μA	30	70	
2N605	PG 170	9	GIC	15	15			.120	A	85	J	AM RF		10μA	12	70	
2N606	PG 170	9	GIC	15	15			.120	A	85	J	AM RF		10μA	12	100	
2N607	PG 170	9	GIC	15	15			.120	A	85	J	AM RF		10μA	12	120	
2N608	PG 170	9	GIC	15	15			.120	A	85	J	AM RF		10μA	12	150	
2N609	PG 210	5	ETC,WHE	25	15	10.0	.200	.180	A	85	J	AUD		15μA	20	90	.100
2N610	PG 210	5	ETC	25	15	10.0	.200	.180	A	85	J	AUD		15μA	20	65	.100
2N611	PG 210	5	ETC,WHE	25	15	10.0	.200	.180	A	85	J	AUD		15μA	20	45	.100
2N612	PG 210	5	ETC,WHE	25	15	10.0	.150	.180	A	85	J	.300	B	15μA	20	24	
2N613	PG 210	5	ETC,WHE	25	15	10.0	.200	.180	A	85	J	.500	B	15μA	20	32	
2N614	PG 210	5	ETC,WHE	20	15	10.0	.150	.125	A	85	J	1.500	B	6μA	20	32	
2N615	PG 210	5	ETC,WHE	20	15	10.0	.150	.125	A	85	J	3.000	B	6μA	20	45	
2N616	PG 210	5	ETC,WHE	15	12	10.0	.150	.125	A	85	J	6.000	B	6μA	15	450	
2N617	PG 210	5	ETC,WHE	15	12	10.0	.150	.125	A	85	J	5.000	B	6μA	15	105	
2N618	PG 605	3	GPD,MOT,ETC,HUG,KSC	80	60S	12.0	3.000	45.000	C	100	J	.005	E	3MA	60	90	1.000
2N619	NS 210	5	RAY	50	40	30.0	.050	.250	A	160	S	.200	B	100NA	30	16	.005
2N620	NS 210	5	RAY	50	35	30.0	.050	.250	A	160	S	.250	B	100NA	30	31	.005
2N621	NS 210	5	RAY	50	30	30.0	.050	.250	A	160	S	.300	B	100NA	30	62	.005
2N622	NS 210	5	RAY	50	30	20.0	.050	.385	A			.300	B			22	.500
2N623	PG 210	5	TII	30	15	1.0	.020	.040	A	85	J	90.000	B	10μA	20	36	
2N624	PG 217	33	SYL	30	20S		.010	.100	A	100	J	20.000	B	10μA	5	40	
2N625	NG 170	8	SYL	40	30S	30.0	.500	2.500	A	100	J	MS SW		100μA	40	60	
2N626	NG 891 A		ADV	30	5		3.000	10.000	A			AMP,SW					
2N627	PG 607	41	MOT,GPD,HUG,KSC	40	30S	20.0	10.000	90.000	C	100	J	.005	E	20MA	40	20	10.000
2N628	PG 607	41	MOT,GPD,HUG,KSC	60	45S	30.0	10.000	90.000	C	100	J	.005	E	20MA	60	20	10.000
2N629	PG 607	41	MOT,GPD,HUG,KSC	80	60S	40.0	10.000	90.000	C	100	J	.005	E	20MA	80	20	10.000
2N630	PG 607	41	MOT,GPD,HUG,KSC	100	75S	50.0	10.000	90.000	C	100	J	.005	E	20MA	100	20	10.000
2N631	PG 210	5	ETC	25	16	6.0	.200	.170	A	85	J	.600	B	25μA	20	150	
2N632	PG 210	5	ETC	30	20	6.0	.200	.150	A	85	J	.500	B	25μA	20	100	
2N633	PG 210	5	ETC,RAY	35	30	6.0	.050	.150	A	85	J	.400	B	25μA	20	60	
2N634	NG 172	9	ETC,GEC	20	20R	15.0	.300	.150	A	85	J	5.000	B	5μA	5	30	.200
2N634A	NG 212	5	ETC,TAD,TII,GEC	25	20R	25.0	.300	.150	A	85	J	5.000	B	6μA	25	120	.010
2N635	NG 172	9	ETC,GEC	20	20R	15.0	.300	.150	A	85	J	10.000	B	5μA	5	50	.200
2N635A	NG 212	5	ETC,TAD,TII,GEC	25	20R	25.0	.300	.150	A	85	J	10.000	B	6μA	25	240	.010
2N636	NG 172	9	ETC,GEC	20	15R	15.0	.300	.150	A	85	J	15.000	B	5μA	5	70	.200
2N636A	NG 212	5	ETC,TII,GEC	25	15R	25.0	.300	.150	A	85	J	15.000	B	6μA	25	300	.010
2N637	PG 605	3	BEN,ETC,HUG,KSC,GPD	60	35S	15.0	5.000	25.000	A	110	J	.004	E	10MA	100	40	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	Cond	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond						
2N637A	PG 605	3	BEN,ETC,HUG,KSC,STI,GPD	90	65S	15.0	5.000	90.000	C	100	J	.004	G	200µA	2	46	3.000
2N637B	PG 605	3	BEN,ETC,HUG,KSC,GPD	100	75S	15.0	5.000	90.000	C	100	J	.004	E	200µA	2	46	3.000
2N638	PG 605	3	SOL,ETC,HUG,KSC,BEN	60	35S	15.0	5.000	25.000	A	100	J	.004	E	200µA	2	30	3.000
2N638A	PG 605	3	SOL,ETC,HUG,KSC,STI,BEN	90	65S	15.0	5.000	90.000	C	100	J	.004	G	200µA	2	30	3.000
2N638B	PG 605	3	SOL,ETC,HUG,KSC,BEN	100	75S	15.0	5.000	90.000	C	100	J	.004	E	200µA	2	30	3.000
2N639	PG 605	3	ETC,KSC,BEN	25	40R	1.5	5.000	25.000	C	100	J			1MA	25	22	3.000
2N639A	PG 605	3	ETC,BEN	60	70R	1.5	5.000	25.000	C	100	J			1MA	60	22	3.000
2N639B	PG 605	3	ETC,BEN	60	80R	1.5	5.000	25.000	C	100	J			1MA	60	22	3.000
2N640	PG 75	7	RCA	34		1.0	.010	.080	A	71	J	40.000	B	5µA	12	60	
2N641	PG 75	7	RCA	34		1.0	.010	.080	A	71	J	40.000	B	7µA	12	60	
2N642	PG 75	7	RCA	34		1.0	.010	.080	A	71	J	40.000	B	7µA	12	60	
2N643	PG 217	33	RCA	30	29	2.0	.100	.120	A	71	A	30.000	G	10µA	7	44	
2N644	PG 217	33	RCA	30		2.0	.100	.120	A	71	A	40.000	G	10µA	7	40	
2N645	PG 217	33	RCA	30		2.0	.100	.120	A	71	A	60.000	G	10µA	7	40	
2N646			SEE RF POWER SECTION														
2N647	NG 120	1	RCA	25		12.0	.050	.100	A	71	A	AUD		14µA	25	70	
2N649	NG 120	1	RCA	20	18	2.5	.050	.100	A	71	A	AUD		14µA	12	65	
2N650	PG 210	5	MOT,TAD,ETC	45	30	30.0	.500	.200	A	100	J	1.500	B	50µA	45	50	
2N650A	PG 210	5	ETC,MOT	45	30	30.0	.500	.200	A	100	J	.750	B	50µA	45	50	
2N651	PG 210	5	MOT,ETC,TAD	45	30	30.0	.500	.200	A	100	J	2.000	B	50µA	45	80	
2N651A	PG 210	5	ETC,MOT	45	30	30.0	.500	.200	A	100	J	1.000	B	50µA	45	76	
2N652	PG 210	5	MOT,ETC,TAD	45	30	30.0	.500	.200	A	100	J	2.500	B	50µA	45	120	
2N652A	PG 210	5	ETC,MOT,STI	45	30	30.0	.500	.200	A	100	J	1.250	B	50µA	45	80	.010
2N653	PG 210	5	MOT,ETC,TAD	30	25R	25.0	.500	.200	A	100	J	1.500	B	15µA	30	44	
2N654	PG 210	5	ETC,MOT	30	25R	25.0	.250	.200	A	100	J	2.000	B	15µA	25	80	
2N654+	PG 170	9	TAD	30	25	15.0	.250	.200	A	100	J	2.500	B	15µA	25	90	
2N655	PG 210	5	ETC,MOT	30	25R	25.0	.250	.200	A	100	J	2.500	B	15µA	25	140	
2N655+	PG 170	9	TAD	30	25	15.0	.250	.200	A	100	J	3.000	B	15µA	25	160	
2N656	NS 211	5	GEC,RAY,TRW,TII,ETC,NSC	60	60	8.0	.200	.800	A	200	J	70.000	B	10µA	20	60	.200
2N656A	NS 211	5	FSC,GEC,STI,ETC,NSC,TII	60	60	8.0	.500	1.000	A	200	J	AUD		10µA	30	60	.200
2N657	NS 211	5	GEC,RAY,TRW,TII,ETC,NSC	100	100	8.0	.200	.800	A	200	J	20.000	B	10µA	30	60	.200
2N657A	NS 211	5	GEC,ETC,NSC,TII,TEC,HUG	100	100	8.0	.500	1.000	A	200	J	AUD		10µA	30	60	
2N658	PS 210	5	TAD,TII,ETC,RAY	25	16	12.0	1.000	.200	A	100	J	5.000	B	5µA	12	40	
2N659	PS 210	5	TAD,TII,ETC,RAY	25	14	12.0	1.000	.200	A	100	J	10.000	B	5µA	12	60	
2N660	PG 210	5	TAD,TII,ETC,RAY	25	11	12.0	1.000	.200	A	100	J	15.000	B	5µA	12	100	
2N661	PG 210	5	TAD,TII,ETC,RAY	25	9	12.0	1.000	.200	A	100	J	20.000	B	5µA	12	120	
2N662	PG 210	5	TAD,TII,ETC,RAY	25	11	12.0	1.000	.200	A	100	J	8.000	B	5µA	12	70	
2N663	PG 605	3	ETC,HUG,KSC,GPD,DEL	50	25	20.0	4.000	10.000	C	100	J	.015	E	4MA	50	50	.500
2N665	PG 605	3	DEL,MOT,ETC,HUG,KSC,GPD	80		40.0	5.000	35.000	C	100	J	1.200	E	50µA	2	60	.500
2N669	PG 605	3	DEL,MOT,GPD,ETC,HUG,KSC	40	30S	20.0	3.000	90.000	C	100	J	.270	E	65µA	2	163	.500
2N670	PG 172 A		PHL	40			2.000	.300	C	85	J	.500	B	75µA	12	80	
2N671	PG 172	26	PHL	40			2.000	1.000	C	85	J	.500	B	75µA	12	80	
2N672	PG 172 A		PHL	25			2.000	.300	C	85	J	AUD		75µA	12	40	
2N673	PG 172	26	PHL	25			2.000	1.000	C	85	J	AUD		75µA	12	40	
2N674	PG 172 A		PHL	75			2.000	.300	A	100	J	.400	B			40	1.000
2N675	PG 170	26	PHL	75			2.000	1.000	A	100	J	.700	B			100	1.000
2N677	PG 605	3	BEN,ETC,GPD,HUG,KSC	50	20	10.0	15.000	90.000	C	100	J	.160	E	2MA	15	40	10.000
2N677A	PG 605	3	BEN,ETC,GPD,HUG,KSC	60	30	15.0	15.000	90.000	C	100	J	.160	E	2MA	25	40	10.000
2N677B	PG 605	3	BEN,ETC,GPD,HUG,KSC	90	60	15.0	15.000	90.000	C	100	J	.160	E	2MA	60	40	10.000
2N677C	PG 605	3	BEN,ETC,GPD,HUG	100	70	15.0	15.000	90.000	C	100	J	.160	E	2MA	60	40	10.000
2N678	PG 605	3	BEN,ETC,GPD,HUG,KSC	50	20	10.0	15.000	90.000	C	100	J	.004	E	2MA	15	74	10.000
2N678A	PG 605	3	BEN,ETC,GPD,HUG,KSC	60	30	15.0	15.000	90.000	C	100	J	.004	E	2MA	25	74	10.000
2N678B	PG 605	3	BEN,ETC,GPD,HUG,KSC	90	60	15.0	15.000	90.000	C	100	J	.004	E	2MA	60	74	10.000
2N678C	PG 605	3	BEN,ETC,GPD,HUG	100	70	15.0	15.000	90.000	C	100	J	.004	E	2MA	60	74	10.000
2N679	NG 210	5	ETC,SYL	25	20R	15.0	.200	.150	A	85	J	2.000	B	25µA	25	40	.030
2N680	PG 210	5	ETC			20.0	.100	.150	A	85	J	AUD		14µA	20	30	
2N694	PG 210	18	WEC	30		1.0	.050	.100	A	100	S	500.000	B			20	.002
2N695	PG 217	17	MOT	15	15	3.5	.050	.075	A	100	J	250.000	G	3µA	6	40	
2N696	NS 211	5	ITT,TII,GIC,RAY,SES,ETC	60	40R	5.0	.500	2.000	C	175	J	40.000	G	1µA	30	40	.150
2N696A	NS 211	5	RAY,TII	60	35	5.0	1.000	.800	A	200	S	40.000	G				
2N697	NS 211	5	ITT,TII,GIC,RAY,SES,ETC	60	40R	5.0	.500	2.000	C	200	J	100.000	G	1µA	30	80	.150
2N697A	NS 211	5	RAY,TII	60	35	5.0	1.000	.800	A	200	S	50.000	G				
2N698	NS 211	5	RAY,TII,TRW,SES,TEC,HUG	120	60	7.0		.800	A	200	S	40.000	G	5NA	75	40	.150
2N699	NS 211	5	TRW,TII,GIC,RCA,SES,ETC	120	80R	5.0	1.000	.600	A	175	J	100.000	G	50NA	60	80	.150
2N699A	NS 211	5	RAY,NSC,ETC,HUG,STI	120	80R	5.0		.800	A	200	S	50.000	G	5µA	60	80	.150
2N699B	NS 211	5	TRW,RAY,FSC	120	80	7.0		.870	A	200	S	60.000	G	10NA	90	80	.010
2N700	PG 217	72	MOT	25	20	.2	.050	.075	A	100	J	500.000	G	2µA	6	10	
2N700/18	PG 217	72	SYL	25	20	.2	.050	.075	A	100	J	270.000	G	2µA	6	6	
2N700A	PG 217	72	MOT	25	25	.2	.050	.075	A	100	J	1000.000	G	2µA	6	50	
2N702	NS 210	18	TRW,NSC,MOT,TII	25	25	5.0	.050	.600	A	175	J	150.000	G	500NA	10	60	
2N703	NS 210	18	TRW,GIC,NSC,MOT,FSC,TII	25	25	5.0	.050	.600	A	175	J	150.000	G	500NA	10	100	
2N705	PG 211	18	MOT,TII,TIL	15	15S	3.5	.050	.300	A	100	A	300.000	B	3µA	5	40	
2N705A	PG 211	18	HUG,MOT	15	15S			.150	A	100	J					37	.010
2N706	NS 211	18	ITT,HUG,RCA,RAY,MOT,SES	25	15	3.0	.200	.300	A	200	J	200.000	G	50NA	15	40	.010
2N706/46	NS 210	46	SYL	25	20R	3.0	.200			175	J	200.000	G	500NA	15	40	
2N706/51	NS 909	51	SYL	25	20R	3.0	.200			175	J	200.000	G	500NA	15	40	
2N706A	NS 211	18	ITT,RCA,SES,ETC,TII,GIC	25	15	3.0	.200	.300	A	200	J	200.000	G	50NA	15	40	.010
2N706A/46	NS 210	46	SYL	25	15	5.0	.200			175	J	200.000	G	500NA	15	40	
2N706A/51	NS 909	51	SYL	25	15	5.0	.200			175	J	200.000	G	500NA	15	40	
2N706B	NS 211	18	RAY,ITT,MOT,GIC,TII,TEC	25	15	3.0	.200	.300	A	200	J	200.000	G	50NA	15	40	.010
2N706B/46	NS 210	46	SYL	25	15	5.0	.200			175	J	200.000	G	500NA	15	40	
2N706B/51	NS 909	51	SYL	25	15	5.0	.200			175	J	200.000	G	500NA	15	40	
2N706C	NS 211	18	RAY,GIC,FSC	40	15R	5.0	.200	1.200	A	200	A	200.000	G	5µA	15	40	.010
2N707	NS 211	18	MOT,ETC,TII,FSC	56	28R	4.0		1.000	A	175	J	350.000	G	5µA	15	12	.010
2N707A	NS 211	18	MOT,ETC	70	40	5.0		1.200	A	175	J	70.000	G	1µA	30	22	.010
2N708	NS 211	18	RAY,MOT,AMP,ITT,GEC,TII	40	15	5.0	.200	.360	A	200	J	300.000	G	25NA	20	75	.010
2N708/46	NS 211	46	SYL	40	15R	5.0		.400	A	200	J	300.000	G	25µA	20	80	
2N708/51	NS 910	51	SYL	40	15R	6.0		.300	A	200	J	300.000	G	25µA	20	80	
2N708A	NS 210	18	GIC,FSC	50	30	5.0		.360	A	200	S	300.000	G			70	.010
2N709	NS 211	18	FSC,RCA,RAY,TEC,TII,MOT	15	6	4.0	.100	.300	A	200	J	600.000	G	50NA	5	70	.010
2N709A	NS 211	18	TEC,HUG	15	6	4.0		.300	A	200	J	800.000	G	5NA	5	60	.010
2N710	PG 211	18	TII	15	15S	2.0	.050	.300	A	100	J	300.000	B	3µA	5	40	
2N710A	PS 211	18	STI	15	15			.150	A	100	J					25	.010
2N711	PG 211	18	TII,MOT,TIL	12		1.0	.100	.150	A	100	J	200.000	B	3µA	5	60	.010
2N711A	PG 211	18	TII,MOT,TIL	15	7	1.5	.100	.150	A	100	J	200.000	B	2µA	5	60	.010
2N711B	PG 211	18	TII,MOT,TIL	18	7	2.0	.100	.150	A	100	J	200.000	B	2µA	5	70	.010
2N715	NS 211	18	TII	50	35	5.0	.100	1.200	A	200	S	70.000	B			10	.015
2N716	NS 211	18	TII	70	40	5.0	.100	1.200	A	200	S	70.000	B			10	.015
2N717	NS 211	18	TRW,RAY,TII,SES,ETC,TEC	60	40R	5.0		.400	A	200	S	40.000	G	1µA	30	40	.150
2N718	NS 211	18	AML,ITT,RAY,TII,TRW,MOT	60	40R	5.0		.400	A	200	S	60.000	G	1µA	30	80	.150
2N718A	NS 211	18	TII,MOT,TRW,RCA,SES,ETC	75	32R	7.0		.500	A	200	J	60.000	G	10NA	60	80	.150
2N719	NS 211	18	TRW,RAY,TII,SES,ETC,TEC	120	80R	5.0		.400	A	200	S	40.000	G	2µA	60	40	.150
2N719A	NS 211	18	AML,TII,TRW,SES,ETC,FSC	120	60R	7.0		1.800	A	200	S	40.000	G	10NA	75	40	.150
2N720	NS 211	18	TRW,RAY,TII,SES,ETC,TEC	120	80R	5.0		.400	A	200	S	60.000	G	2µA	60	68	1.000
2N720A	NS 211	18	AML,GEC,HUG,RAY,TRW,TII	120	80	7.0		.500	A	200	S	60.000	G	10NA	90	80	.150

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	Cond	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N721	PS 211	18	RAY,TII,TEC,MOT,HUG,FSC	50	50R	5.0		.400	A	175	J	50.000	G	1μA	30	26	.150
2N721A	PS 211	18	HUG,STI	50	50R	5.0		.500	A	200	J	50.000	G	100NA	30	26	.150
2N722	PS 211	18	HUG,MOT,ETC,RAY,NSC,TII	50	35	5.0		.400	A	200	S	60.000	G	1μA	30	60	.150
2N722A	PS 211	18	HUG,STI,FSC	50	35	5.0		.500	A	200	J	60.000	G	100NA	30	50	.150
2N725	PG 211	18	GEC,TII	15	12	2.0	.050	.150	A	100	J	600.000	G	3μA	5	20	
2N726	PS 211	18	TEC,TIL,TII	25	20	5.0	.050	.300	A	175	J	140.000	G	1μA	25	30	.010
2N727	PS 211	18	TII,TEC,TIL	25	20	5.0	.050	.300	A	175	J	140.000	G	1μA	25	75	.010
2N728	NS 210	18	TEC,HUG,STI	15	15	3.0		.300	A	175	J	100.000	G	5μA	15	110	.010
2N729	NS 210	18	TEC,HUG,STI	30	30	3.0		.300	A	175	J	100.000	G	5μA	15	110	.010
2N730	NS 211	18	TII,ETC,RAY,NSC,TEC,HUG	60	40R	5.0	1.000	.500	A	175	J	40.000	G	1μA	30	40	.150
2N731	NS 211	18	TII,ETC,RAY,NSC,TEC,HUG	60	40R	5.0	1.000	.500	A	175	J	50.000	G	1μA	30	80	.150
2N734	NS 211	18	TII,TRW,ETC,SOL,TEC,HUG	80	60	5.0	.500	.500	A	175	J	60.000	G	1μA	40	40	
2N734A	NS 211	18	SOL,SSD	80	60	6.0	.050	.500	A	200	S	30.000	G	5NA	50	32	.005
2N735	NS 211	18	TII,TRW,ETC,NSC,SOL,TEC	80	60	5.0	.500	.500	A	175	J	60.000	G	1μA	40	80	
2N735A	NS 211	18	ETC,NSC,SOL,HUG,STI,SSD	80	60	6.0	.050	.500	A	200	S	60.000	G	5NA	50	65	.005
2N736	NS 211	18	TII,TRW,ETC,NSC,SOL,TEC	80	60	5.0	.500	.500	A	175	J	60.000	G	1μA	40	100	.005
2N736A	NS 211	18	TII,ETC,NSC,SOL	80	60	8.0	.100	.500	A	175	J	100.000	G	500NA	40	110	.005
2N736B	NS 211	18	SSD,ETC,SOL,HUG,STI	80	60	8.0	.100	.500	A	200	S	100.000	G	5NA	50	130	.005
2N738	NS 211	18	AML,TII,ETC,SOL,TEC	125	80	5.0		.500	A	175	J	60.000	G	1μA	40	40	.005
2N738A	NS 211	18	SOL,SSD	125	80	8.0	.050	.500	A	200	S	30.000	G	5NA	80	32	.005
2N739	NS 211	18	AML,TII,ETC,SOL,TEC,MOT	125	80	5.0		.500	A	175	J	60.000	G	1μA	40	80	.005
2N739A	NS 211	18	SOL,HUG,SSD	125	80	8.0	.050	.500	A	200	S	60.000	G	5NA	80	65	.005
2N740	NS 211	18	AML,TII,ETC,SOL,SSD,TEC	125	80	5.0		.500	A	175	J	60.000	G	1μA	40	130	.005
2N740A	NS 211	18	SSD,SOL,HUG,STI	125	80	8.0	.050	.500	A	200	S	100.000	G	5NA	80	130	.005
2N741	PG 211	18	MOT	15	15	1.0	.100	.150	A	100	J	300.000	G	3μA	6	24	
2N741A	PG 211	18	MOT	20	20	1.0	.100	.300	A	100	J	300.000	G	3μA	6	24	
2N742	NS 211	18	NSC,ETC	60	60	6.0	.100	.500	A	200	S	100.000	G	100NA	20	25	.010
2N742A	NS 211	18	NSC	60	60	6.0	.100	.500	A	200	S			100NA	20	20	.010
2N743	NS 211	18	ITT,TII,GIC,AMP,SES,RAY	20	12	5.0	.200	.300	A	200	S	300.000	G	1μA	20	40	.010
2N743A	NS 211	18	RAY,FSC	40	15	5.0		1.200	A	200	J	500.000	G	1μA	20	40	.010
2N744	NS 211	18	ITT,RAY,TII,GIC,MOT,AMP	20	12	5.0	.200	.300	A	200	J	300.000	G	1μA	20	80	.010
2N744A	NS 211	18	RAY,FSC	40	15	5.0		1.200	A	200	J	500.000	G	1μA	20	60	.010
2N745	NS 295 B		RAY	45	30	1.0	.020	.150	A	175	S	10.000	B	1μA	20	38	.010
2N746	NS 295 B		RAY	45	30	1.0	.020	.150	A	175	S	10.000	B	1μA	20	98	.010
2N747	NS 295 A		RAY	25	25	3.0	.050	.200	A	175	S	LP SSW		100NA	6	60	.010
2N748	NS 295 A		RAY	30	30	3.0	.050	.200	A	175	S	LP SSW		100NA	6	30	.010
2N749	SEE RF POWER SECTION																
2N751	SEE RF POWER SECTION																
2N753	NS 211	18	ITT,MOT,GIC,AMP,SES,ETC	25	15	5.0	.050	.300	A	175	J	200.000	G	500NA	15	80	.010
2N754	NS 210	18	TEC,HUG	60	80			.300	A			35.000	G	1μA	60	40	.005
2N755	NS 210	18	TEC,HUG	100	80			.300	A			35.000	G	1μA	100	40	.005
2N756	NS 210	18	SOL,TEC,HUG,NSC	45	45	6.0		.500	A	200	J	50.000	G	200NA		17	.001
2N756A	NS 210	18	SOL,TEC,NSC	60	60	6.0		.500	A	200	J	50.000	G	100NA		17	.001
2N757	NS 210	18	SOL,TEC,HUG,STI,NSC	45	45	6.0		.500	A	200	J	50.000	G	200NA		28	.001
2N757A	NS 210	18	SOL,TEC,HUG,STI,NSC	60	60	6.0		.500	A	200	J	50.000	G	100NA		28	.001
2N758	NS 210	18	SOL,TEC,HUG,NSC	45	45	8.0		.500	A	200	J	50.000	G	200NA		40	.001
2N758A	NS 210	18	SOL,TEC,HUG,NSC	60	60	8.0		.500	A	200	J	50.000	G	100NA		40	.001
2N758B	NS 211	18	SOL,HUG,SSD	60	60	8.0	.100	.500	A	200	J	50.000	B	5NA	45	13	.001
2N759	NS 211	18	NSC,SOL,TEC,HUG	45	45	8.0	.100	.500	A	200	J	50.000	B	2μA	30	50	.001
2N759A	NS 211	18	NSC,SOL,SSD,TEC,HUG	60	60	8.0	.100	.500	A	200	J	50.000	B	100NA	30	50	.001
2N759B	NS 211	18	SOL,HUG,SSD	60	60	8.0	.100	.500	A	200	J	50.000	B	5NA	45	25	.001
2N760	NS 211	18	AML,NSC,RAY,ITT,SOL,TEC	45	45	8.0		.500	A	200	J	50.000	G	200NA	30	100	
2N760A	NS 211	18	AML,RAY,ITT,NSC,SOL,SSD	60	60	8.0		.500	A	200	J	50.000	G	100NA	30	150	
2N760B	NS 211	18	SSD,SOL,HUG,STI	60	60	8.0	.100	.500	A	200	J	50.000	B	5NA	45	50	.001
2N761	NS 210	18	NSC	50	30	6.0	.100	.500	A	200	J	5.000	B	200NA	50	36	
2N762	NS 210	18	NSC	50	30	6.0	.100	.500	A	200	J	5.000	B	200NA	50	400	
2N768	PG 210	18	SPR,HUG	12	10	1.5	.100	.035	A	100	J	125.000	G	3μA	5	40	
2N769	PG 210	18	SPR,HUG	12	7	2.0	.100	.035	A	100	J	500.000	G	3μA	5	50	
2N770	NS 210	18	PHL	20		3.0	.100	.150	A			125.000	G			25	.020
2N771	NS 210	18	PHL	20		3.0	.100	.150	A			200.000	G			50	.020
2N772	NS 210	18	PHL	25		3.0	.100	.150	A			110.000	G			35	.010
2N773	NS 210	18	PHL	20		2.0	.100	.150	A			IF,RF					
2N774	NS 210	18	PHL	20		2.0	.100	.150	A			IF,RF					
2N775	NS 210	18	PHL	20		2.0	.100	.150	A			IF,RF					
2N776	NS 210	18	PHL	20		2.0	.100	.150	A			IF,RF					
2N777	NS 210	18	PHL	20		2.0	.100	.150	A			IF,RF					
2N778	NS 210	18	PHL	20		2.0	.100	.150	A			IF,RF					
2N779	PG 211	18	PHL	15	15S	2.0	.100	.060	A	100	S	320.000	G			50	.010
2N779A	PG 210	18	SPR,MOT,HUG,PHL	15	15S	2.0	.100	.060	A	100	J	320.000	G	3μA	5	120	
2N779B	PG 210	18	PHL	15	15S	2.0	.100	.150	A	100	S	320.000	G			50	.010
2N780	NS 211	18	AML,ETC,TII	45	45	5.0		1.000	C	200	S	60.000	G	10NA	40	70	
2N781	PG 211	18	SYL	15		2.5	.200	.150	A	100	J			3μA	5	50	
2N782	PG 211	18	SYL	12		1.0	.200	.150	A	100	J	HS SW		3μA	5	40	
2N783	NS 211	18	ITT,ETC,RAY,FSC,SYL	40	20R	5.0	.200	.300	A	175	J	200.000	G	250NA	25	40	.010
2N784	NS 211	18	RAY,ITT,ETC,HUG,STI,SYL	30	12	5.0	.200	.300	A	175	J	200.000	G	250NA	25	50	.010
2N784A	NS 211	18	RAY,ETC,SYL	40	15	5.0	.200	.350	A	200	J	300.000	G	25NA	25	70	.010
2N784A/46	NS 211	46	SYL	40	15	5.0	.200	.350	A	200	J	200.000	G	25NA	25	70	
2N784A/51	NS 910	51	SYL	40	15	5.0	.200	.300	A	200	J	200.000	G	25NA	25	70	
2N789	NS 295 A		RAY	45	30	1.0	.025	.150	A	175	S	1.000	B	2μA	30	15	
2N790	NS 295 A		RAY	45	30	1.0	.025	.150	A	175	S	2.000	B	2μA	30	39	
2N791	NS 295 A		RAY	45	30	1.0	.025	.150	A	175	S	8.000	B	2μA	30	79	
2N792	NS 295 A		RAY	45	30	1.0	.025	.150	A	175	S	2.000	B	2μA	30	63	
2N793	NS 295 A		RAY	45	30	1.0	.025	.150	A	175	S	2.000	B	2μA	30	305	
2N794	PG 210	18	SPR,HUG	13	12	1.0	.100	.120	A	100	J	25.000	G	3μA	6	60	.010
2N795	PG 210	18	SPR,HUG	13	12	4.0	.100	.120	A	100	J	35.000	G	3μA	6	60	
2N796	PG 210	18	SPR,HUG	13	12	4.0	.100	.120	A	100	J	25.000	G	3μA	6	100	
2N797	NG 211	18	TII	20	7	4.0	.150	.150	A	100	J	600.000	G	1μA	10	80	
2N799	PG 295 A		RAY	25	12	12.0	.100	.075	A	85	S	4.000	B	5μA	12	40	
2N800	PG 315 A		RAY	25	12	12.0	.100	.075	A	85	S	4.000	B	5μA	12	40	
2N801	PG 295 A		RAY	30	18	20.0	.400	.075	A	85	S	3.000	B	4μA	1	45	.001
2N802	PG 315 A		RAY	30	18	20.0	.400	.075	A	85	S	3.000	B	4μA	1	45	.001
2N803	PG 295 A		RAY	30	15	20.0	.400	.075	A	85	S	5.000	B	4μA	1	60	.001
2N804	PG 315 A		RAY	30	15	20.0	.400	.075	A	85	S	5.000	B	4μA	1	60	.001
2N805	PG 295 A		RAY	30	12	20.0	.400	.075	A	85	S	10.000	B	4μA	1	60	.001
2N806	PG 315 A		RAY	30	12	20.0	.400	.075	A	85	S	10.000	B	4μA	1	60	.001
2N807	PG 295 A		RAY	25	14	12.0	.100	.075	A	85	J	14.000	B	5μA	12	70	
2N808	PG 315 A		RAY	25	14	12.0	.100	.075	A	85	J	14.000	B	5μA	12	70	
2N809	PG 295 A		RAY	30	15	20.0	.200	.075	A	85	S	3.000	B	5μA	12	68	.025
2N810	PG 315 A		RAY	30	15	20.0	.200	.075	A	85	S	3.000	B	5μA	12	68	.025
2N811	PG 295 A		RAY	30	12	20.0	.200	.075	A	85	S	5.000	B	5μA	12	113	.045
2N812	PG 315 A		RAY	30	12	20.0	.200	.075	A	85	S	5.000	B	5μA	12	113	.045
2N813	PG 295 A		RAY	30	10	20.0	.200	.075	A	85	S	15.000	B	5μA	12	138	.055
2N814	PG 315 A		RAY	30	10	20.0	.200	.075	A	85	J	15.000	B	5μA	12	138	.055
2N815	NG 295 A		RAY	25	15	15.0	.200	.075	A	85	S	5.000	B	5μA	1	120	.030
2N816	NG 315 A		RAY	25	15	15.0	.200	.075	A	85	S	5.000	B	5μA	1	120	.030

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N817	NG 295 A		RAY	30	15	25.0	.400	.075	A	100	S	2.500	B	10μA	25	20	.050
2N818	NG 315 A		RAY	30	15	25.0	.400	.075	A	100	S	2.500	B	10μA	25	20	.050
2N819	NG 295 A		RAY	30	20	25.0	.400	.075	A	100	S	5.000	B	10μA	25	30	.050
2N820	NG 315 A		RAY	30	20	25.0	.400	.075	A	100	S	5.000	B	10μA	25	30	.050
2N821	NG 295 A		RAY	30	25	25.0	.400	.075	A	100	S	10.000	B	10μA	25	40	.050
2N822	NG 315 A		RAY	30	25	25.0	.400	.075	A	100	S	10.000	B	10μA	25	40	.050
2N823	NG 295 A		RAY	25	12	12.0	.100	.075	A	85	S	4.000	B	5μA	12	40	.020
2N824	NG 315 A		RAY	25	24	12.0	.100	.075	A	85	J	4.000	B	5μA	12	70	
2N825	PG 295 A		RAY	30	20	20.0	.200	.075	A	85	J	5.000	B	6μA	20	30	
2N826	PG 315 A		RAY	30	20	20.0	.200	.075	A	85	J	5.000	B	6μA	20	30	
2N827	PG 211	18	MOT	20	20S	4.0	.100	.150	A	100	S	250.000	G	5μA	15	150	.010
2N828	PG 211	18	MOT	15		2.5	.200	.150	A	100	J	300.000	G	3μA	6	40	
2N828A	PG 211	18	MOT	15	6	2.5	.200	.150	A	100	J	300.000	G	3μA	6	38	.150
2N829	PG 211	18	MOT	15	6	2.5	.200	.150	A	100	J	300.000	G	3μA	6	75	.150
2N834	NS 211	18	ITT,SES,MOT,GIC,RAY,TEC	40	25	5.0	.200	.300	A	175	J	350.000	G	500NA	20	25	.010
2N834A	NS 211	18	ITT,RAY,GIC,FSC	40	30S	5.0	.200	.360	A	200	J	500.000	G	500NA	20	37	.010
2N835	NS 211	18	ITT,MOT,GIC,RAY,TEC,HUG	25	15	3.0	.200	.300	A	175	J	300.000	G	500NA	20	20	.010
2N837	PG 211	18	HUG,MOT	12	6	1.0	.100	.150	A	100	S			3μA	6	45	.010
2N838	PG 211	18	MOT	30	30S	2.5	.100	.150	A	100	S	300.000	G	10μA	15	70	.010
2N839	NS 210	18	ETC,TEC,HUG	45	45	2.0		.300	A	175	J	30.000	G	1μA	45	27	.010
2N840	NS 210	18	ETC,TEC,MOT,HUG	45	45	2.0		.300	A	175	J	30.000	G	1μA	45	55	.010
2N841	NS 210	18	ETC,TEC,MOT,HUG	45	45	2.0		.300	A	175	J	40.000	G	1μA	45	160	.010
2N842	NS 211	18	TEC,HUG	45	45	2.0	.050	.300	A	175	S	30.000	G	1μA	45	38	.010
2N843	NS 211	18	TEC,HUG	45	45	2.0	.050	.300	A	175	S	40.000	G	1μA	45	98	.010
2N844	NS 211	18	TEC	60	60R	3.0	.050	.300	A	165	S	50.000	G			40	.005
2N845	NS 211	18	TEC	100	80	3.0	.050	.300	A	165	S	50.000	G			40	.005
2N846	PG 210	18	PHL	15	15S	2.0	.050	.060	A	100	S	450.000	G			35	.050
2N846A	PG 210	18	SPR,HUG,PHL	15	15S	2.0	.100	.060	A	100	J	320.000	G	3μA	5	60	
2N846B	PG 210	18	PHL	15	15S	2.0	.100	.150	A	100	S	320.000	G			25	.010
2N849	NS 909	50	TII	25	15	5.0	.050	.300	A	200	S	200.000	G	500NA	15	40	
2N850	NS 909	50	TII	25	15	5.0	.050	.300	A	200	S	200.000	G	500NA	15	80	
2N851	NS 909	50	TII	20	12	5.0	.200	.300	A	200	S	280.000	G	1μA	20	40	
2N852	NS 909	50	TII	20	12	5.0	.200	.300	A	200	S	280.000	G	1μA	20	80	
2N858	PS 210	18	SPR,HUG,CRY,PHL	40	40	25.0	.050	.150	A	140	J	5.000	G	100NA	15	26	.005
2N859	PS 210	18	SPR,HUG,CRY,PHL	40	40	25.0	.050	.150	A	140	J	6.000	G	100NA	15	60	.005
2N860	PS 210	18	SPR,HUG,CRY,PHL	25	25	20.0	.050	.150	A	140	J	6.500	G	100NA	10	20	.005
2N861	PS 210	18	SPR,HUG,CRY,PHL	25	25	20.0	.050	.150	A	140	J	7.500	G	100NA	10	36	.005
2N862	PS 210	18	SPR,HUG,CRY,PHL	15	15	10.0	.050	.150	A	140	J	8.000	G	100NA	10	24	.005
2N863	PS 210	18	SPR,HUG,CRY,PHL	15	15	10.0	.050	.150	A	140	J	10.000	G	100NA	10	60	.005
2N864	PS 210	18	SPR,HUG,CRY,PHL	6	6	6.0	.050	.150	A	140	J	16.000	G	100NA	6	50	.005
2N865	PS 210	18	SPR,HUG,CRY,PHL	10	15	10.0	.050	.150	A	140	J	24.000	G	100NA	10	84	.005
2N866	NS 211	18	TII	30	20R	5.0	.600	.500	A	300	S	40.000	G	10μA	20	30	.150
2N867	NS 211	18	TII	30	20R	5.0	.600	.500	A	300	S	50.000	G	10μA	20	60	.150
2N869	PS 211	18	MOT,GIC,TEC,HUG,FSC,ITT	25	18	5.0		.360	A	200	J	150.000	G	10NA	15	120	.010
2N869A	PS 211	18	RAY,FSC,MOT,HUG,ITT	25	18	5.0		.360	A	200	J	400.000	G			70	.030
2N870	NS 211	18	TII,TRW,SES,ETC,RAY,GIC	100	60	7.0		.500	A	200	S	50.000	G	10NA	75	80	.150
2N871	NS 211	18	AML,RAY,TRW,SES,ETC,TEC	100	60	7.0		.500	A	200	S	60.000	G	10NA	75	160	.150
2N902	NS 316 A		RAY	45	30	1.0	.025	.150	A	175	S	1.000	B	2μA	30	15	
2N903	NS 316 A		RAY	45	30	1.0	.025	.150	A	175	S	2.000	B	2μA	30	39	
2N904	NS 316 A		RAY	45	30	1.0	.025	.150	A	175	S	8.000	B	2μA	30	79	
2N905	NS 316 A		RAY	45	30	1.0	.025	.150	A	175	S	2.000	B	2μA	30	63	
2N906	NS 316 A		RAY	45	30	1.0	.025	.150	A	175	S	2.000	B	2μA	30	305	
2N909	NS 211	18	TRW,TEC,HUG,FSC	60	30R	5.0		.400	A	175	J	50.000	G	1μA	30	200	.050
2N910	NS 211	18	AML,RAY,TRW,TEC,MOT,HUG	100	60	7.0		.500	A	200	J	60.000	G	25NA	75	130	.010
2N911	NS 211	18	AML,RAY,TRW,TEC,MOT,HUG	100	60	7.0		.500	A	200	J	50.000	G	25NA	75	70	.010
2N912	NS 211	18	AML,RAY,TRW,TEC,HUG,FSC	100	60	7.0		.500	A	200	J	40.000	G	25NA	75	30	.010
2N914	NS 211	18	MOT,ITT,TII,GIC,SES,TEC	40	15	5.0	.500	.360	A	200	J	300.000	G	25NA	20	75	.010
2N914/46	NS 211	46	SYL	40	15	5.0		.400	A	200	J	300.000	G	25NA	20	60	
2N914/51	NS 910	51	SYL	40	15	5.0		.300	A	200	J	300.000	G	25NA	20	60	
2N915	NS 211	18	RAY,ETC,TII,MOT,HUG,FSC	70	50	5.0		.360	A	200	J	250.000	G	10NA	60	125	.010
2N916	NS 211	18	RAY,TII,TRW,MOT,HUG,FSC	45	25	5.0		.360	A	200	J	300.000	G	10NA	30	125	.010
2N916A	NS 211	18	HUG,TII,FSC	45	25	5.0		.360	A	200	J	300.000	G	10NA	30	125	.010
2N917	SEE RF POWER SECTION																
2N917A	SEE RF POWER SECTION																
2N918	NS 217	72	GEC,RAY,TII,FSC,MOT,SES	30	15	3.0	.050	.200	A	200	J	600.000	G	10NA	15	40	.003
2N918/51	NS 909	51	SYL	30	15	3.0	.050	.200	A	200	J	600.000	G	10NA	15	40	
2N919	NS 211	18	CLE	25	15	5.0	.220	.360	A	200	J	200.000	G	20NA	15	40	
2N920	NS 211	18	CLE	25	15	5.0	.220	.360	A	200	J	200.000	G	20NA	15	80	
2N921	NS 211	18	CLE	50	20	5.0	.220	.680	A	200	J	200.000	G	20NA	15	40	
2N922	NS 211	18	CLE	50	20	5.0	.220	.680	A	200	J	200.000	G	20NA	15	80	
2N923	PS 210	18	SOL,HUG,NSC	40	25	40.0	.100	.250	A	200	S	.800	B	25NA	30	20	.001
2N924	PS 210	18	SOL,HUG,NSC	40	25	40.0	.100	.250	A	200	S	.800	B	25NA	30	47	.001
2N925	PS 210	18	SOL,HUG,NSC	50	40	50.0	.100	.250	A	200	S	.800	B	25NA	30	18	.001
2N926	PS 210	18	SOL,HUG,NSC	50	40	50.0	.100	.250	A	200	S	.800	B	25NA	30	36	.001
2N927	PS 210	18	SOL,HUG,NSC	70	60	70.0	.100	.250	A	200	S	.800	B	25NA	30	16	.001
2N928	PS 210	18	SOL,HUG,NSC	70	60	70.0	.100	.250	A	200	S	.800	B	25NA	30	36	.001
2N929	NS 211	18	AML,FSC,GEC,RAY,TII,GIC	45	45	5.0	.030	.300	A	175	J	30.000	G	10NA	45	80	.001
2N929A	NS 211	18	SSD,RAY,GIC,NSC,TII,SOL	60	45	6.0	.030	.500	A	200	S	45.000	G	2NA	45	255	.001
2N930	NS 211	18	AML,FSC,ITT,SES,TII,GIC	45	45	5.0	.030	.300	A	175	J	30.000	G	10NA	45	200	.001
2N930A	NS 211	18	SSD,RAY,NSC,GIC,TII,SOL	60	45	6.0	.030	.500	A	200	S	45.000	G	2NA	45	325	.001
2N930B	NS 211	18	RAY,SOL	60	45	6.0		.500	A	200	J	45.000	G	100NA	45	200	.001
2N934	PG 211	18	RCA	13	12	1.0	.200	.150	A	85	S	35.000	G	6μA	6	40	.040
2N935	PS 210	18	SSD,SOL,HUG,CRY	50	40	20.0	.050	.250	A	160	S	.200	B	100NA	50	10	.001
2N936	PS 210	18	SSD,SOL,HUG,CRY	50	35	20.0	.050	.250	A	160	S	.300	B	100NA	30	18	.001
2N937	PS 210	18	SSD,SOL,HUG,CRY	50	30	20.0	.050	.250	A	160	S	.500	B	100NA	30	36	.001
2N938	PS 210	18	SSD,SOL,HUG,CRY	40	35	40.0	.100	.250	A	175	S	1.000	B	25NA	35	16	
2N939	PS 210	18	SSD,SOL,HUG,CRY	40	35	40.0	.100	.250	A	175	S	2.000	B	25NA	35	31	
2N940	PS 210	18	SSD,SOL,HUG,CRY	40	35	40.0	.100	.250	A	175	S	2.000	B	25NA	35	62	
2N941	PS 210	18	SSD,SOL,HUG,CRY	25	8	25.0	.050	.250	A	175	S	16.000	G	2NA	4	10	.001
2N942	PS 210	18	SSD,SOL,HUG,CRY	25	8	25.0	.050	.250	A	175	S	10.000	G	2NA	4	10	.001
2N943	PS 210	18	SSD,SOL,HUG,CRY	40	18	40.0	.050	.250	A	175	S	1.000	B	5NA	30	10	.001
2N944	PS 210	18	SSD,HUG,CRY	40	18	40.0	.050	.250	A	175	S	1.000	B	5NA	30	10	.001
2N945	PS 210	18	SSD,SOL,HUG,CRY	50	50	50.0	.050	.250	A	175	S	1.000	B	5NA	40	10	.001
2N946	PS 210	18	SSD,SOL,HUG,CRY	80	80	80.0	.050	.250	A	175	S	1.000	B	5NA	60	10	.001
2N947	NS 211	18	HUG,FSC	20	15R	3.0	.100	.360	A	150	J	200.000	G	1μA	15	45	.010
2N955	NG 211	18	RCA	12	8	2.0	.100	.150	A	100	J	500.000	G	5μA	5	30	.030
2N955A	NG 211	18	RCA	12	8	2.0	.100	.150	A	100	J	500.000	G	5μA	5	30	.030
2N956	NS 211	18	AML,RAY,TII,MOT,TRW,SES	75	50R	7.0		.500	A	200	J	70.000	G	10NA	60	200	.150
2N957	NS 211	18	TRW,RAY,TEC,HUG,FSC	40	20	5.0		.250	A	150	J	200.000	G	100NA	20	80	.010
2N958	NS 911	51	TRW	25	15	5.0	.200	.250	C	150	S	200.000	G	500NA	15	20	.010
2N959	NS 911	51	TRW	25	15	5.0	.200	.250	C	150	S	200.000	G	500NA	15	40	.010
2N960	PG 211	18	MOT,TII	15	7	2.5	.100	.150	A	100	J	300.000	G	3μA	6	20	.010
2N961	PG 211	18	MOT,TII	12	7	2.0	.100	.150	A	100	J	300.000	G	3μA	6	20	.010
2N962	PG 211	18	MOT,TII	12	7	1.2	.100	.150	A	100	J	300.000	G	3μA	6	20	.010
2N963	PG 211	18	MOT,TII	12	7	1.2	.100	.150	A	100	J	250.000	G	5μA	6	20	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	Cond	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond					
2N964	PG 211	18	MOT,TII,HUG	15	7	2.5	.100	.150	A	100	J	300.000 G	3μA	6	40	.010
2N964A	PG 211	18	MOT	15	7	2.5	.100	.150	A	100	J	300.000 G	3μA	6	95	.100
2N965	PG 211	18	MOT,TII	12	7	2.0	.100	.150	A	100	J	300.000 G	3μA	6	40	.010
2N966	PG 211	18	MOT,TII	12	7	1.2	.100	.150	A	100	J	300.000 G	3μA	6	40	.010
2N967	PG 211	18	MOT,TII	12	7	1.2	.100	.150	A	100	J	250.000 G	5μA	6	40	.010
2N968	PG 211	18	MOT,TII	15	15S	2.5	.200	.150	A	100	J	300.000 G	3μA	6	40	.025
2N969	PG 211	18	MOT,TII	12	12S	2.0	.200	.150	A	100	J	300.000 G	3μA	6	40	.025
2N970	PG 211	18	MOT,TII	12	12S	1.2	.200	.150	A	100	J	300.000 G	3μA	6	40	.025
2N971	PG 211	18	MOT,TII	7	7S	1.2	.200	.150	A	100	J	300.000 G	10μA	6	40	.025
2N972	PG 211	18	MOT,TII	15	15S	2.5	.200	.150	A	100	J	300.000 G	100μA	15	80	.025
2N973	PG 211	18	MOT,TII	12	12S	2.0	.200	.150	A	100	J	300.000 G	100μA	12	80	.025
2N974	PG 211	18	MOT,TII	12	12S	1.2	.200	.150	A	100	J	300.000 G	100μA	12	80	.025
2N975	PG 211	18	MOT,TII	7	7S	1.2	.200	.150	A	100	J	300.000 G	100μA	7	80	.025
2N976	PS 210	18	HUG,STI,PHL	15	10	2.0	.100	.100	A	100	J	249.000 G	3μA	5	30	.010
2N977	PG 210	18	PHL	15	10	2.0	.200	.150	A	100	S	400.000 G				
2N978	PS 211	18	TEC,HUG,FSC	30	20	5.0		.330	A	150	J	40.000 G	5μA	10	38	.150
2N979	PS 210	18	SPR,HUG,STI	20	15	2.0	.100	.300	A	100	J	100.000 G	3μA	5	30	.010
2N980	PS 210	18	SPR,HUG,STI	20	12	2.0	.100	.060	A	100	S	100.000 G	5μA	5	50	.010
2N982	PS 210	18	SPR,HUG,STI	20	15	2.0	.100	.300	A	100	J	225.000 G	3μA	5	100	.010
2N983	PS 210	18	SPR,HUG,STI	15	15	2.0	.100	.300	A	100	J	225.000 G	3μA	5	80	.010
2N984	PS 210	18	SPR,HUG,STI	15	10	2.0	.100	.300	A	100	J	170.000 G	5μA	5	60	.010
2N985	PG 211	18	TII,MOT	15	7	3.0	.200	.300	C	100	J	300.000 G	3μA	5	90	.100
2N987	PG 218	72	AMP	40	40	1.0	.010	.100	A	100	S	100.000 G	8μA	6	145	.001
2N988	NS 210	18	TRW	20	15	3.0	.200	.300	A	200	J	300.000 G	500NA	15	52	.010
2N989	NS 210	18	TRW	20	10	3.0	.200	.300	A	200	J	300.000 G	500NA	15	52	.010
2N990	PG 218	72	AMP	20	20R	1.0	.010	.067	A	75	S	44.000 G	8μA	6	40	.001
2N991	PG 218	72	AMP	20	20R	1.0	.010	.067	A	75	S	44.000 G	8μA	6	40	.001
2N992	PG 218	72	AMP	20	20R	1.0	.010	.067	A	75	S		8μA	6	40	.001
2N993	PG 218	72	AMP	20	20R	1.0	.010	.067	A	75	S	44.000 G	8μA	6	40	.001
2N995	PS 211	18	MOT,GIC,TEC,HUG,FSC	20	15	4.0		.360	A	200	J	100.000 G	5NA	15	70	.020
2N995A	PS 211	18	FSC	20	15	4.0		.360	A	200	J	100.000 G	5NA	15	88	.020
2N996	PS 211	18	GIC,TEC,HUG,FSC	15	12	4.0		.360	A	200	J	100.000 G	5NA	10	70	.020
2N997	NS 211	18	TII	75	40	7.0	.300	.500	A	200	S		10NA	60	500	.100
2N998	NS 216	72	FSC	100	60	15.0	.500	1.800	C	200	J	DUAL S G	10NA	90	800	.010
2N999	NS 216	72	FSC	60	60	15.0	.500	1.800	C	200	J	DUAL S	10NA	60	500	.100
2N1000	NG 210	5	ETC,GIC	40	30R	40.0	.200	.150	A	100	J	7.000 B	15μA	40	50	.100
2N1003	PG 170 E		MOT	35	20	.5		.120	A	100	J	12.500 F	15μA	20	105	.001
2N1004	PG 170 E		MOT	35	20	.5		.120	A	100	J	6.000 F	15μA	20	105	.001
2N1005	NS 210	5	TII	15	15	1.0	.025	.150	A	175	S	50.000 G	100NA	5	18	.010
2N1006	NS 210	5	TII	15	15	1.0	.025	.150	A	175	S	50.000 G	100NA	5	88	.010
2N1007	PG 605	3	SYL,BEN	40	20	15.0	3.000	35.000	C	95	S	.060 G	2MA	15	150	1.000
2N1008	PG 210	5	MOT,ETC,BEN	20	20	15.0	.300	.400	A	85	J	.025 E	10μA	10	90	
2N1008A	PG 210	5	ETC,MOT,BEN	40	40	15.0	.300	.400	A	85	J	.025 E	10μA	25	100	
2N1008B	PG 210	5	MOT,ETC,BEN	60	60	15.0	.300	.400	A	85	J	.025 E	15μA	45	90	
2N1009	PG 210	5	BEN	35	35R	10.0	.300	.400	C	85	S	.007 E	10μA	10	95	
2N1010	NG 210	5	ETC	10	10	10.0	.020	.040	A	85	J	2.000 B	10μA	10	35	
2N1010+	NG 120	1	RCA	10	10	10.0	.002	.020	A	55	A	2.000 B	10μA	10	36	
2N1011	PG 605	3	DEL,MOT,GPD,ETC,HUG,KSC	80	40	40.0	5.000	35.000	C	95	S	.005 E	15MA	80	53	3.000
2N1012	NG 212	5	ETC,GIC	40	22	30.0		.150	A	85	J	3.000 B	5μA	5	80	.100
2N1014	PG 605	3	RCA	100	65	60.0	5.000	50.000	C	100	J	.005 E	500μA	30	14	2.000
2N1015	NS 412	82	AMF,STC,WHE,SPC,SEN	30	30	25.0	7.500	150.000	C	150	J	.020 E	20MA	30	14	2.000
2N1015A	NS 412	82	AMF,STC,WHE,SPC,HUG,SEN	60	60	25.0	7.500	150.000	C	150	J	.020 E	20MA	60	14	2.000
2N1015B	NS 412	82	AMF,STC,WHE,SPC,HUG,SEN	100	100	25.0	7.500	150.000	C	150	J	.020 E	20MA	100	14	2.000
2N1015C	NS 412	82	AMF,STC,WHE,SPC,HUG,SEN	150	150	25.0	7.500	150.000	C	150	J	.020 E	20MA	150	14	2.000
2N1015D	NS 412	82	WHE,STC,SPC,HUG,SEN	200	200	25.0	7.500	150.000	C	150	J	.020 E	20MA	200	14	2.000
2N1015E	NS 412	82	WHE,STC,SPC,HUG,SEN	250	250	25.0	7.500	150.000	C	150	J	.020 E	20MA	250	14	2.000
2N1015F	NS 412	82	WHE	300	300	25.0	7.500	150.000	C	150	J	.020 E			14	.002
2N1016	NS 412	82	WHE,STC,SPC,HUG,SEN	30	30	25.0	7.500	150.000	C	150	J	.030 E	20MA	30	10	5.000
2N1016A	NS 412	82	WHE,STC,SPC,HUG,SEN,STI	60	60	25.0	7.500	150.000	C	150	J	.030 E	20MA	60	10	5.000
2N1016B	NS 412	82	WHE,STC,SPC,HUG,SEN	100	100	25.0	7.500	150.000	C	150	J	.030 E	20MA	100	10	5.000
2N1016C	NS 412	82	WHE,STC,SPC,HUG,SEN	150	150	25.0	7.500	150.000	C	150	J	.030 E	20MA	150	10	5.000
2N1016D	NS 412	82	WHE,STC,SPC,HUG,SEN	200	200	25.0	7.500	150.000	C	150	J	.030 E	20MA	200	10	5.000
2N1016E	NS 412	82	WHE,STC,SPC,HUG,SEN	250	250	25.0	7.500	150.000	C	150	J	.030 E	20MA	250	10	5.000
2N1016F	NS 412	82	WHE	300	300	25.0	7.500	150.000	C	150	J	.030 E			18	5.000
2N1017	PG 210	5	ETC,RAY	30	10	20.0	.400	.150	A	100	J	20.000 G	25μA	30	40	
2N1018	PG 210	5	ETC,RAY	30	8R	20.0		.200	A	100	J	15.000 G	25μA	30	30	
2N1021	PG 605	3	DEL,GPD,MOT,TII,ETC,HUG	100	50	30.0	5.000	150.000	C	100	J	.200 G	2MA	100	60	5.000
2N1021A	PG 605	3	DEL,TII,GPD,ETC,HUG,KSC	100	50	30.0	7.000	150.000	C	100	J	.200 G	2MA	100	60	5.000
2N1022	PG 605	3	DEL,TII,MOT,TII,ETC,HUG	120	50	30.0	5.000	50.000	C	100	J	.200 G	2MA	120	60	5.000
2N1022A	PG 605	3	DEL,TII,GPD,ETC,HUG,KSC	120	55	30.0	7.000	150.000	C	100	J	.200 G	2MA	120	60	5.000
2N1023	PG 128	44	RCA	40		.5	.010	.120	A	100	J	120.000 B	12μA	12	60	
2N1024	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	18	15	18.0	.100	.250	A	175	J	1.000 G	25NA	18	20	.001
2N1025	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	40	35	40.0	.100	.250	A	175	J	1.000 G	25NA	40	15	.001
2N1026	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	40	35	40.0	.100	.250	A	175	J	2.000 G	25NA	40	30	.001
2N1026A			SEE 2N1469													
2N1027	PS 210	5	SSD,SOL,HUG,STI,CRY	18	15	18.0	.100	.250	A	175	J	4.000 G	25NA	15	36	.001
2N1028	PS 210	5	SSD,SOL,HUG,STI,CRY	12	10	12.0	.100	.250	A	175	J	7.200 G	25NA	10	26	.001
2N1029	PG 608 A		BEN	50	20	25.0	15.000	90.000	C	100	J	GP,PWR			20	.010
2N1029A	PG 608 A		BEN	60	30		15.000	90.000	C			GP,PWR			20	.010
2N1029B	PG 608 A		BEN	90	60		15.000	90.000	C			GP,PWR			20	.010
2N1029C	PG 608 A		BEN	100	70		15.000	90.000	C			GP,PWR			20	.010
2N1030	PG 608 A		BEN	50	20	25.0	15.000	90.000	C	100	J	GP,PWR			75	.010
2N1030A	PG 608 A		BEN	60	30	25.0	15.000	90.000	C	100	J	GP,PWR			75	.010
2N1030B	PG 608 A		BEN	90	60	25.0	15.000	90.000	C	100	J	GP,PWR			75	.010
2N1030C	PG 608 A		BEN	100	70		15.000	90.000	C	100	J	GP,PWR				
2N1031	PG 607	41	GPD,ETC,BEN,HUG	50	30S	10.0	15.000	90.000	C	100	S	.002 E	15MA	50	40	10.000
2N1031A	PG 607	41	GPD,ETC,BEN,HUG	60	40S	15.0	15.000	90.000	C	100	S	.002 E	15MA	60	40	10.000
2N1031B	PG 607	41	GPD,ETC,BEN,HUG	90	70S	15.0	15.000	90.000	C	100	S	.002 E	15MA	90	40	10.000
2N1031C	PG 607	41	GPD,ETC,BEN,HUG	100	80S	15.0	15.000	90.000	C	100	S	.002 E	15MA	100	40	10.000
2N1032	PG 607	41	GPD,ETC,BEN,HUG	50	30S	10.0	15.000	90.000	C	100	S	.002 E	15MA	50	75	10.000
2N1032A	PG 607	41	GPD,ETC,BEN,HUG	60	40S	15.0	15.000	90.000	C	100	S	.002 E	15MA	60	75	10.000
2N1032B	PG 607	41	GPD,ETC,BEN,HUG	90	70S	15.0	15.000	90.000	C	100	S	.002 E	15MA	90	75	10.000
2N1032C	PG 607	41	GPD,ETC,BEN,HUG	100	80S	15.0	15.000	90.000	C	100	S	.002 E	15MA	100	75	10.000
2N1034	PS 210	5	SSD,NSC,SOL,CRY,RAY	50	40	20.0	.050	.250	A	160	J	.150 B	1μA	30	150	.001
2N1035	PS 210	5	SSD,NSC,SOL,CRY,RAY	50	35	20.0	.050	.250	A	160	J	.200 B	1μA	30	40	.001
2N1036	PS 210	5	SSD,NSC,SOL,CRY,RAY	50	30	20.0	.050	.250	A	160	J	.300 B	1μA	30	120	.001
2N1037	PS 210	5	SSD,SOL,CRY,RAY	50	35	20.0	.050	.250	A	160	J	.150 B	1μA	30	40	.001
2N1038	PG 211	5	GPD,TII,MOT,HUG,KSC	40	40X	20.0	3.000	20.000	C	100	S	.225 G	125μA	20	40	1.000
2N1038-1	PG 541 B		KSC	40	30	20.0	3.000	20.000	C	100	J	.008 E	125μA	20	36	1.000
2N1038-2	PG 541 A		KSC	40	30	20.0	3.000	20.000	C	100	J	.008 E	125μA	20	36	1.000
2N1039	PG 211	5	GPD,TII,MOT,KSC	60	60X	20.0	3.000	20.000	C	100	S	.225 G	125μA	30	40	1.000
2N1039-1	PG 541 B		KSC	60	40	20.0	3.000	20.000	C	100	J	.008 E	125μA	30	36	1.000
2N1039-2	PG 541 A		KSC	60	40	20.0	3.000	20.000	C	100	J	.008 E	125μA	30	36	1.000
2N1040	PG 211	5	GPD,TII,MOT,KSC	80	80X	20.0	3.000	20.000	C	100	S	.225 G	125μA	40	40	1.000
2N1040-1	PG 541 B		KSC	80	50	20.0	3.000	20.000	C	100	J	.008 E	125μA	40	36	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
2N1040-2	PG 541 A		KSC	80	50	20.0	3.000	20.000	C	100	J	.008	E	125μA	40	36 1.000
2N1041	PG 211	5	GPD,TII,MOT,KSC	100	100X	20.0	3.000	20.000	C	100	S	.225	G	125μA	50	40 1.000
2N1041-1	PG 541 B		KSC	100	60	20.0	3.000	20.000	C	100	J	.008	E	125μA	50	36 1.000
2N1041-2	PG 541 A		KSC	100	60	20.0	3.000	20.000	C	100	J	.008	E	125μA	50	36 1.000
2N1042	PG 541 A		GPD,TII,MOT,KSC	40	40X	20.0	3.500	20.000	C	100	S	.250	G	125μA	20	150 1.000
2N1042-1	PG 541 B		KSC	40	30	20.0	3.000	20.000	C	100	J	.008	E	125μA	20	36 1.000
2N1042-2	PG 211	5	KSC	40	30	20.0	3.000	20.000	C	100	J	.008	E	125μA	20	36 1.000
2N1043	PG 541 A		GPD,TII,MOT,KSC	60	60X	20.0	3.500	20.000	C	100	S	.250	G	125μA	30	150 1.000
2N1043-1	PG 541 B		KSC	60	40	20.0	3.000	20.000	C	100	J	.008	E	125μA	30	36 1.000
2N1043-2	PG 211	5	KSC	60	40	20.0	3.000	20.000	C	100	J	.008	E	125μA	30	36 1.000
2N1044	PG 541 A		GPD,TII,MOT,KSC	80	80X	20.0	3.500	20.000	C	100	S	.250	G	125μA	40	150 1.000
2N1044-1	PG 541 B		KSC	80	50	20.0	3.000	20.000	C	100	J	.008	E	125μA	40	36 1.000
2N1044-2	PG 211	5	KSC	80	50	20.0	3.000	20.000	C	100	J	.008	E	125μA	40	36 1.000
2N1045	PG 541 A		GPD,TII,MOT,KSC	100	100X	20.0	3.500	20.000	C	100	S	.250	G	125μA	50	150 1.000
2N1045-1	PG 541 B		KSC	100	60	20.0	3.000	20.000	C	100	J	.008	E	125μA	50	36 1.000
2N1045-2	PG 211	5	KSC	100	60	20.0	3.000	20.000	C	100	J	.008	E	125μA	50	36 1.000
2N1046	PG 605	3	TII,ETC,TIL	100	50	1.5	12.000	50.000	H	100	J	10.000	G	2MA	75	40 5.000
2N1046A	PG 605	3	TII,ETC	130	50	1.5	12.000	50.000	C	100	J	15.000	G	2MA	75	40 5.000
2N1046B	PG 605	3	TII,ETC	130	50	1.5	12.000	50.000	C	100	J	15.000	G	2MA	75	40 5.000
2N1047	NS 461	57	TII,ETC,STC,SEN	80		6.0		1.000	C	200	J	.200	E	15μA	30	24
2N1047A	NS 461	57	ETC,TII,STC,SEN,STI	80	80	10.0		40.000	C	200	J	.075	E	250μA	80	24 .500
2N1047B	NS 461	57	TII,STC,SEN,STI	80	80	6.0		1.000	C	200	J	1.000	G	50μA	80	24 .500
2N1047C	NS 461	57	TII	80	80	10.0	1.000	40.000	C	200	J	12.000	G	10μA	80	24 .500
2N1048	NS 461	57	TII,ETC,STC,SEN	120		6.0		1.000	C	200	J	.200	E	15μA	30	24
2N1048A	NS 461	57	ETC,TII,STC,SEN,STI	120	120	10.0		40.000	C	200	J	.075	E	250μA	80	24 .500
2N1048B	NS 461	57	TII,STC,SEN,STI	120	120	6.0		1.000	C	200	J	1.000	G	100μA	120	24 .500
2N1048C	NS 461	57	TII	120	120	10.0	1.000	40.000	C	200	J	12.000	G	10μA	120	24 .500
2N1049	NS 461	57	TII,ETC,STC,SEN	80		6.0		1.000	C	200	J	.200	E	15μA	30	60
2N1049A	NS 461	57	ETC,TII,STC,SEN,STI	80	80	10.0		40.000	C	200	J	.075	E	250μA	80	60 .500
2N1049B	NS 461	57	TII,STC,SEN,STI	80	80	6.0		1.000	C	200	J	1.000	G	50μA	80	60 .500
2N1049C	NS 461	57	TII	80	80	10.0	1.000	40.000	C	200	J	12.000	G	10μA	80	60 .500
2N1050	NS 461	57	TII,ETC,STC,SEN	120		6.0		1.000	C	200	J	.200	E	15μA	30	60
2N1050A	NS 461	57	ETC,TII,STC,SEN,STI	120	120	10.0		40.000	C	200	J	.075	E	250μA	80	60 .500
2N1050B	NS 461	57	TII,STC,SEN,STI	120	120	6.0		1.000	C	200	J	1.000	G	100μA	120	60 .500
2N1050C	NS 461	57	TII	120	120	10.0	1.000	40.000	C	200	J	12.000	G	10μA	120	60 .500
2N1052	NS 211	5	TEC	200	200X	6.0	.200	.500	H	200	S	8.000	G	10μA	200	50 .200
2N1053	NS 211	5	TEC	180	135	6.0	.200	.600	H	200	A	8.000	G	10μA	180	40 .200
2N1054	NS 211	5	ETC,TEC	125	115	6.0	.750	.600	A	200	S	8.000	G	5μA	125	20 .200
2N1055	NS 210	5	TEC	100	100	6.0	.200	.600	A	200	J	3.000	G	15μA	100	50
2N1056	PG 210	5	ETC		50R	15.0	.100	.240	A	85	J	.500	B	16μA	45	30
2N1057	PG 210	5	ETC		45R	5.0	.300	.240	A	85	J	.500	B	16μA	45	60
2N1057+	PG 57 B		GEC	45		5.0	.300	.240	A	85	J	.500	B	16μA	45	60
2N1058	NG 210	5	ETC	20	20R		.050	.050	A	75	J	4.000	B	50μA	18	16
2N1058+	NG 10	22	SYL	20	18R		.050	.150	A	85	J	4.000	B	50μA	18	40
2N1059	NG 210	5	ETC	20	15R	10.0	.500	.250	A	85	J	.010	B	10μA	10	75 .035
2N1059+	NG 10	22	SYL	40	15R	10.0	.100	.180	A	85	J	.100	G	204A	20	70
2N1060	NS 210	28	WEC	40	40	6.0	.050	.250	A	150	S	HS,SSW		100NA	10	18 .005
2N1065	PG 170	9	GIC	40	20	1.0		.120	A	100	J	20.000	B	8μA	10	50
2N1066	PG 217	33	AMP,RCA	40		.5	.010	.120	A	100	J	120.000	B	12μA	12	60
2N1067	NS 171	8	STC,SEN,RCA	60	30	12.0	.500	5.000	C	175	J	.750	B	500μA	60	34 .200
2N1068	NS 171	8	AMF,STC,SEN,RCA	60	30	12.0	1.500	10.000	C	175	J	.750	B	500μA	60	34 .200
2N1069	NS 605	3	AMF,PPC,ETC,STC,RCA	60	45	9.0	4.000	50.000	C	175	J	.500	B	1MA	60	24
2N1070	NS 605	3	AMF,PPC,ETC,STC,RCA	60	45	9.0	4.000	50.000	C	175	J	.500	B	1MA	60	24
2N1072	NS 120	38	WEC,STI	75	30	6.0	.750	12.500	A	165	J	HS SW				20 .750
2N1073	PG 607	41	GPD,MOT,ETC,DEL,BEN	40	40R	1.5	10.000	85.000	C	110	J	.350	G	1MA	25	60 5.000
2N1073A	PG 607	41	GPD,MOT,ETC,DEL,BEN	80	80R	1.5	10.000	85.000	C	110	J	.350	G	1MA	65	60 5.000
2N1073B	PG 607	41	GPD,MOT,ETC,DEL,BEN	120	120R	1.5	10.000	85.000	C	110	J	.350	G	2MA	100	60 5.000
2N1074	NS 210	5	RAY	50	40	20.0	.050	.250	A	160	S	.200	B	1μA	30	16 .005
2N1075	NS 210	5	RAY	50	35	20.0	.050	.250	A	160	S	.250	B	1μA	30	36 .005
2N1076	NS 210	5	RAY	50	30	20.0	.050	.250	A	160	S	.300	B	1μA	30	62 .005
2N1077	NS 210	5	RAY	50	35	20.0	.050	.250	A	160	S	.200	B	1μA	30	27 .005
2N1078	PG 430	13	CBS,GPD	35	30	15.0	3.000	20.000	A	100	J	AMP,SW				
2N1079	NS 731	53	ETC,TEC,HUG,STI	60	60S	10.0	3.000	60.000	C	200	S	10.000	G	10MA	60	50 1.000
2N1080	NS 731	53	ETC,TEC,HUG,STI	60	60S	10.0	3.000	60.000	C	200	S	10.000	G	10MA	60	50 2.000
2N1081	NS 211	5	TEC	40	40	10.0	.750	.150	A	200	S	IND SSW		15μA	40	60 .500
2N1082	NS 210	5	TEC	25	25S	2.0	.050	.200	A	200	S	17.200	G	5μA	25	30 .010
2N1086	NG 210	5	ETC	9	9		.020	.065	A	85	J	5.000	B	3μA	5	120
2N1086+	NG 12 B		GEC	9	9		.020	.065	A	85	A	8.000	B	3μA	5	40
2N1086A	NG 210	5	ETC	9	9		.020	.065	A	85	J	5.000	B	3μA	5	120
2N1086A+	NG 12 B		GEC	9	9		.020	.065	A	85	A	8.000	B	3μA	5	40
2N1087	NG 210	5	ETC	9	9		.020	.065	A	85	J	5.000	B	3μA	5	120
2N1087+	NG 12 B		GEC	9	9		.020	.065	A	85	A	8.000	B	3μA	5	40
2N1090+	NG 210	5	RCA,ETC	25	15	20.0	.400	.120	A	85	J	5.000	B	8μA	12	50
2N1091+	NG 210	5	RCA,ETC	25	12	20.0	.400	.120	A	85	J	10.000	B	8μA	12	70
2N1092	NS 211	5	AMF,ETC,RCA	60	30	12.0	.500	2.000	A	175	A	.750	B	500μA	60	36 .200
2N1093	PG 211	5	ETC,TII	30	15	15.0	.300	.150	A	100	S	5.000	B	6μA	20	100 .020
2N1094	PG 210	28	WEC	30	15	1.0	.040	.150	A	100	J	600.000	G			
2N1097	PG 212	5	ETC,GEC	16	18	5.0	.200	.175	A	85	A	1.000	B	16μA	16	60
2N1098	PG 212	5	ETC,GEC	16	18	5.0	.200	.175	A	85	A	1.000	B	16μA	16	50
2N1099	PG 405	36	DEL,MOT,ETC,GPD,HUG,RCA	80	60	40.0	15.000	150.000	C	100	A	.010	E	4MA	80	50 5.000
2N1100	PG 405	36	MOT,ETC,DEL,GPD,HUG	100	65	80.0	15.000	150.000	C	100	C	.010	E	4MA	100	37 5.000
2N1101	NG 210	5	ETC	20	15R	10.0	.100	.180	A	75	J	.010	B	20μA	20	44 .035
2N1101+	NG 10	22	SYL	20	15	10.0	.100	.180	A	85	J	.010	B	20μA	20	44
2N1102	NG 210	5	ETC	40	25R	10.0	.100	.180	A	75	J	.010	B	50μA	40	44 .035
2N1102+	NG 10	22	SYL	40	25	10.0	.100	.180	A	85	J	.010	B	50μA	40	44
2N1103	NS 210	43	TII	45	35	1.0	.020	.125	A	150	S	10.000	B	1μA	30	48 .010
2N1104	NS 210	43	TII	45	35	1.0	.020	.125	A	150	S	20.000	B	1μA	30	98 .010
2N1105	NS 211	43	TII	60	60	8.0	.500	.800	A	200	S			10μA	30	24 .200
2N1106	NS 211	43	TII	100	100	8.0	.500	.800	A	200	S			10μA	30	24 .200
2N1107	PG 10	22	ETC,TII	16		10.0	.005	.030	A	85	J	25.000	B	10μA	12	
2N1108	PG 210	5	ETC	16		10.0	.005	.030	A	85	J	20.000	B	10μA	12	
2N1108+	PG 10	22	TII	16			.005	.030	A	85	J	35.000	B	10μA	12	32
2N1109	PG 210	5	ETC	16		10.0	.005	.030	A	85	J	15.000	B	10μA	12	
2N1109+	PG 10	22	TII	16			.005	.030	A	85	J	30.000	B	10μA	12	20
2N1110	PG 210	5	ETC	16		10.0	.005	.030	A	85	J	20.000	B	10μA	12	
2N1110+	PG 10	22	TII	16			.005	.030	A	85	J	35.000	B	10μA	12	30
2N1111	PG 10	22	ETC,TII	20		10.0	.005	.030	A	85	J	20.000	B	10μA	12	
2N1114	NG 212	5	ETC,SYL	25	15	15.0	.200	.150	A	100	J	7.000	B	30μA	25	90
2N1115	PG 210	5	ETC	20	15	10.0	.125	.150	A	85	J	5.000	B	6μA	20	70
2N1115A	PG 57 C		GEC	20	15	10.0		.150	A	100	J	5.000	B			
2N1116	NS 210	5	STI,TEC,HUG,STC,SEN	60	60	6.0	.800	.600	A	200	J	6.000	G	15μA	60	95 .506
2N1117	NS 210	5	STI,TEC,HUG,STC,SEN	60	60	6.0	.800	.600	A	200	J	4.000	G	15μA	60	95 .200
2N1118	PS 210	5	SPR,SOL,HUG,CRY,STI	25	25	10.0	.050	.150	A	140	J	8.000	G	100NA	25	24 .001
2N1118A	PS 210	5	SOL,SPR,HUG,CRY,STI	25	25	10.0	.050	.150	A	140	J	8.000	F	1μA	25	25 .015
2N1119	PS 210	5	SPR,SOL,HUG,CRY,STI	10	10	10.0	.050	.150	A	140	J	7.200	G	100NA	10	11 .015

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N1120	PG 607	41	MOT,GPD,ETC,HUG,BEN	80	70S	40.0	15.000	45.000	C	95	S	.003	E	15MA	80	35	10.000
2N1121	NG 210	5	ETC	15	15R		.020	.065	A	85	J	5.000	B	5μA	15	70	
2N1121+	NG 12 A		GEC	15	15		.020	.065	A	85	A	8.000	B	5μA	15	60	
2N1122	PG 116	24	SPR	15	10S		.050	.025	A	100	J	40.000	G	5μA	6	50	
2N1122A	PG 116	24	SPR	15	14S		.050	.025	A	100	J	40.000	G	5μA	6	50	
2N1123	PG 211 S		PHL,GIC	45	40S	45.0	.500	.750	C	100	J	3.000	B	25μA	45	70	
2N1124	PG 210	5	ETC	40	35R	40.0	.250	.300	A	85	J	.400	B	10μA	5	80	
2N1124+	PG 105	25	PHL	40			.250	.300	A	85	J	.400	B	75μA	40	80	
2N1125	PG 210	5	ETC	40	40R	40.0	.150	.300	A	85	J	.750	B	75μA	40	100	
2N1125+	PG 105	25	PHL	40			.250	.300	A	85	J	1.000	B	75μA	40	100	
2N1126	PG 172	26	PHL	40			.250	1.000	A	85	J	.400	B	75μA	40	80	
2N1127	PG 172	26	PHL	40			.250	1.000	A	85	J	1.000	B	75μA	40	100	
2N1128	PG 210	5	ETC	25	18R	5.0	.250	.150	A	85	J	1.000	B	15μA	25	90	
2N1128+	PG 105	25	PHL	25			.250	.150	A	85	J	1.000	B	20μA	10	100	
2N1129	PG 210	5	ETC	25	25R	5.0	.250	.150	A	85	J	.500	B	15μA	25	150	
2N1129+	PG 105	25	PHL	25			.250	.150	A	85	J	.750	B	25μA	25	160	
2N1130	PG 210	5	ETC	30	40R	5.0	.250	.150	A	85	J	.700	B	15μA	30	100	
2N1130+	PG 105	25	PHL	30			.250	.150	A	85	J	.750	B	25μA	30	110	
2N1131	PS 211	39	TII,MOT,SES,RAY,GIC,TEC	50	35	5.0	.600	2.000	A	200	S	50.000	G	1μA	30	30	.150
2N1131/51	PS 909	51	SYL	50	35	5.0	.600	.600	A	175	J	50.000	G	1μA	30	30	
2N1131A	PS 211	39	HUG,TEC,STI,MOT	60	40	5.0	.600	.750	A	200	S	50.000	G	500NA	45	30	.150
2N1131A/51	PS 909	51	SYL	60	40	5.0	.600	.600	A	175	J	50.000	G	500NA	45	30	
2N1132	PS 211	39	HUG,RAY,SES,ETC,TII,MOT	50	35	5.0	.600	2.000	A	200	S	60.000	G	100NA	50	63	1.000
2N1132/51	PS 909	51	SYL	50	35	5.0	.600	.600	A	175	J	60.000	G	1μA	30	60	
2N1132A	PS 211	39	HUG,MOT,ITT,TEC,STI	60	40	5.0	.600	.750	A	200	S	60.000	G	500NA	45	60	.150
2N1132A/51	PS 909	51	SYL	60	40	5.0	.600	.600	A	175	J	60.000	G	500NA	45	60	
2N1132B	PS 211	39	HUG,TEC,STI	70	45	6.0	.600	.600	A	200	S	60.000	G	10NA	50	60	.150
2N1132B/51	PS 909	51	SYL	70	45	6.0	.600	.600	A	175	J	60.000	G	10NA	50	60	
2N1135	PS 210	5	PHL	12	12	12.0	.050	.100	A	165	S	5.600	G				
2N1135A	PS 210	5	PHL	12	12	12.0	.050	.100	A	165	S	5.600	G				
2N1136	PG 605	3	GPD,ETC,HUG,KSC,STI,BEN	60	30	15.0	6.000	25.000	C	100	J	.004	G	1MA	25	75	3.000
2N1136A	PG 605	3	GPD,ETC,HUG,KSC,STI,BEN	90	55	15.0	6.000	25.000	C	100	J	.004	G	1MA	65	75	3.000
2N1136B	PG 605	3	GPD,ETC,HUG,KSC,STI,BEN	100	65	15.0	6.000	25.000	C	100	J	.004	G	1MA	65	75	3.000
2N1137	PG 605	3	GPD,ETC,HUG,KSC,STI,BEN	60	25	15.0	6.000	25.000	C	100	J	.004	G	1MA	25	112	3.000
2N1137A	PG 605	3	GPD,ETC,HUG,KSC,STI,BEN	90	55	15.0	6.000	25.000	C	100	J	.004	G	1MA	60	112	3.000
2N1137B	PG 605	3	GPD,ETC,HUG,KSC,STI,BEN	100	65	15.0	6.000	25.000	C	100	J	.004	G	1MA	60	112	3.000
2N1138	PG 605	3	GPD,ETC,HUG,KSC,BEN	60	25	15.0	5.000	25.000	C	100	J	.600	E	200μA	2	150	3.000
2N1138A	PG 605	3	GPD,ETC,HUG,KSC,BEN	90	55	15.0	5.000	25.000	C	100	J	.600	E	200μA	2	150	3.000
2N1138B	PG 605	3	GPD,ETC,HUG,KSC,BEN	100	65	15.0	5.000	25.000	C	100	J	.600	E	200μA	2	150	3.000
2N1139	NS 211	5	TEC,ETC	15	15	3.0		.500	A	175	J	100.000	G	5μA	15	40	.010
2N1140	NS 210	5	ETC	40	40	5.0		.500	A	200	J	35.000	G	15μA	40	30	.050
2N1141	PG 211	5	TII,MOT,TIL	35		1.0	.100	.750	A	100	J	750.000	B	5μA	15	40	
2N1141A	PG 211	5	TII	35	25S	1.0	.100	.750	A	100	S	500.000	G				
2N1142	PG 211	5	TII,MOT,TIL	30		.7	.100	.750	A	100	J	600.000	B	5μA	15	40	
2N1142A	PG 211	5	TII	30	25S	.5	.100	.750	A	100	S	400.000	G				
2N1143	PG 211	5	TII,MOT,TIL	25		.5	.100	.750	A	100	J	480.000	B	5μA	15	40	
2N1143A	PG 211	5	TII	30	25S	.5	.100	.750	A	100	S	400.000	G				
2N1144	PG 210	5	ETC	16	16R		.100	.140	A	60	J	1.000	B	16μA	16	60	
2N1144+	PG 57 B		SSP,GEC	16	16R	5.0	.100	.175	A	60	J	1.000	B	16μA	16	66	
2N1145	PG 210	5	ETC	16	16R		.100	.140	A	60	J	1.000	B	16μA	16	60	
2N1145+	PG 57 B		GEC	16	16R	5.0	.100	.175	A	60	J	1.000	B	16μA	16	56	
2N1146	PG 605	3	GPD,ETC,CLE,HUG,KSC	40	20	30.0	15.000	87.000	C	100	J	.002	E	20MA	40	100	5.000
2N1146A	PG 605	3	GPD,ETC,CLE,HUG,KSC	60	30	30.0	15.000	87.000	C	100	J	.002	E	20MA	60	100	5.000
2N1146B	PG 605	3	GPD,ETC,CLE,HUG,KSC	80	40	30.0	15.000	87.000	C	100	J	.002	E	20MA	80	100	5.000
2N1146C	PG 605	3	GPD,ETC,CLE,HUG,KSC	100	50	30.0	15.000	87.000	C	100	J	.002	E	20MA	100	100	5.000
2N1147	PG 607	41	GPD,ETC,CLE,HUG,KSC	40	20	30.0	15.000	87.000	C	100	J	.002	E	40MA	40	100	5.000
2N1147A	PG 607	41	GPD,ETC,CLE,HUG,KSC	60	30	30.0	15.000	87.000	C	100	J	.002	E	40MA	60	100	5.000
2N1147B	PG 607	41	CLE,ETC,GPD,HUG,KSC	80	40	30.0	15.000	87.000	C	100	J	.002	E	40MA	80	100	5.000
2N1147C	PG 607	41	CLE,ETC,GPD,HUG,KSC	100	50	30.0	15.000	87.000	C	100	J	.002	E	40MA	100	100	5.000
2N1149	NS 10	22	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	12.000	B	2μA	30	16	
2N1150	NS 10	22	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	13.000	B	2μA	30	30	
2N1151	NS 10	22	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	14.000	B	2μA	30	50	
2N1152	NS 10	22	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	15.000	B	2μA	30	60	
2N1153	NS 10	22	TEC,TII,ETC,HUG	45		1.0	.025	.150	A	175	J	16.000	B	2μA	30	180	
2N1154	NS 10	22	ETC,TII,TEC,HUG	50		1.0	.060	.750	A	150	J	1.000	B	5μA	50	20	
2N1155	NS 10	22	ETC,TII,TEC,HUG	80		1.0	.050	.750	A	150	J	1.000	B	6μA	80	20	
2N1156	NS 10	22	ETC,TII,TEC,HUG	120		1.0	.040	.750	A	150	J	1.000	B	8μA	100	20	
2N1157	PG 480 A		MHR,HUG,GPD	60	45	28.0	40.000	187.000	C	100	J	.075	G	7MA	60	60	10.000
2N1157A	PG 480 A		MHR,HUG,GPD	80	50	28.0	40.000	187.000	C	100	J	.075	G	20MA	80	60	10.000
2N1158	PG 170	9	ETC,PHL	20	20S	.5	.100	.060	A	100	J	28.500	G	5μA	10	9	
2N1158A	PG 170	9	ETC,PHL	20	20S	.5	.100	.075	A	100	J	45.000	G	5μA	10	14	
2N1159	PG 605	3	DEL,GPD,ETC,HUG	80	60	20.0	5.000	90.000	C	100	J	.010	E	8MA	80	52	3.000
2N1160	PG 605	3	DEL,GPD,ETC,HUG	80	60	20.0	7.000	90.000	C	100	J	.010	E	8MA	80	35	3.000
2N1162	PG 605	3	MOT,GPD,HUG,KSC	50	35S	25.0	25.000	90.000	C	100	J	.004	E	225μA	2	40	25.000
2N1162A	PG 605	3	MOT,GPD,ETC,HUG,KSC	50	35S	25.0	25.000	90.000	C	100	J	.004	E	15MA	50	40	25.000
2N1163	PG 607	41	MOT,GPD,ETC,HUG,KSC	50	35S	25.0	25.000	90.000	C	100	J	.004	E	225μA	2	40	25.000
2N1163A	PG 607	41	MOT,GPD,ETC,HUG,KSC	50	35S	25.0	25.000	90.000	C	100	J	.004	E	15MA	50	40	25.000
2N1164	PG 605	3	MOT,GPD,ETC,HUG,KSC	80	60S	40.0	25.000	90.000	C	100	J	.004	E	225μA	2	40	25.000
2N1164A	PG 605	3	MOT,GPD,ETC,HUG,KSC	80	60S	40.0	25.000	90.000	C	100	J	.004	E	15MA	80	40	25.000
2N1165	PG 607	41	MOT,GPD,ETC,HUG,KSC	80	60S	40.0	25.000	90.000	C	100	J	.004	E	225μA	2	40	25.000
2N1165A	PG 607	41	MOT,GPD,ETC,HUG,KSC	80	60S	40.0	25.000	90.000	C	100	J	.004	E	15MA	50	40	25.000
2N1166	PG 605	3	MOT,GPD,ETC,HUG,KSC	100	75S	50.0	25.000	90.000	C	100	J	.004	E	225μA	2	40	40.000
2N1166A	PG 605	3	MOT,GPD,ETC,HUG,KSC	100	75S	50.0	25.000	90.000	C	100	J	.004	E	15MA	100	40	25.000
2N1167	PG 607	41	MOT,GPD,ETC,HUG,KSC	100	75S	50.0	25.000	90.000	C	100	J	.004	E	225μA	2	40	25.000
2N1167A	PG 607	41	MOT,GPD,ETC,HUG,KSC	100	75S	50.0	25.000	90.000	C	100	J	.004	E	15MA	100	40	25.000
2N1168	PG 607	3	GPD,ETC,DEL,HUG,KSC	50	30S	20.0	5.000	90.000	C	100	J	.560	E	8MA	50	90	1.000
2N1169	NG 229	5	RCA,STI	40	18	25.0	.400	.120	A	85	J	4.500	B	10μA	12	20	.200
2N1170	NG 229	5	RCA	40				.120	A			4.500	B			20	
2N1171	PG 210	5	ETC,RAY	30	12	20.0	.400	.150	A	85	J	10.000	B	5μA	12	60	.001
2N1172	PG 631	37	DEL	40	16	20.0	1.500	7.500	C	100	J	.017	E	2MA	40	60	.100
2N1173	NG 211	29	WEC	35	20	35.0	.200	.250	A	100	J			10μA	20	125	.010
2N1174	PG 211	29	WEC	35	20	35.0	.200	.250	A	100	J	.125	G	10μA	20	125	.010
2N1175	PG 212	5	GEC,MOT,STI	35	25R	10.0	.200	.200	A	85	J	1.500	B	12MA	30	70	.020
2N1175A	PG 212	5	GEC	35	25R	10.0	.200	.200	A	85	J	1.500	B	12μA	30	90	.020
2N1176	PG 210	5	ETC,BEN	10	10R	10.0	.300	.300	C	85	S	.020	E	25μA	10	30	
2N1176A	PG 210	5	ETC	40	40R	10.0	.300	.200	A	100	J	.020	E	30μA	25	30	
2N1176B	PG 210	5	ETC	60	60R	10.0	.300	.200	A	100	J	.020	E	35μA	45	30	
2N1177	PG 75	45	RCA	30		1.0	.010	.080	A	71	A	140.000	B	12μA	12	100	
2N1178	PG 75	45	RCA	30		1.0	.010	.080	A	71	A	140.000	B	12μA	12	40	
2N1179	PG 75	45	RCA	30		1.0	.010	.080	A	71	A	140.000	B	12μA	12	80	
2N1180	PG 75	45	RCA	30			.010	.080	A	70	J	100.000	G	12μA		80	.001
2N1182	PG 605	3	TSE	50	60	12.0	5.000	160.000	C	100	S	.005	E			58	.500
2N1183	PG 171	8	RCA,KSC,GPD	45	20	20.0	3.000	7.500	A	100	J	.350	B	250μA	45	40	.400
2N1183A	PG 171	8	RCA,KSC,GPD	60	30	20.0	3.000	7.500	A	100	J	.500	B	250μA	60	40	.400
2N1183B	PG 171	8	RCA,KSC,GPD	80	40	20.0	3.000	7.500	A	100	J	.500	B	250μA	80	40	.400

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N1184	PG 171	8	RCA,KSC,GPD	45	20	20.0	3.000	7.500	A	100	J	.300	B	250μA	45	80	.400
2N1184A	PG 171	8	RCA,KSC,GPD	60	20	20.0	3.000	7.500	A	100	J	.500	B	250μA	60	80	.400
2N1184B	PG 171	8	RCA,KSC,GPD	80	40	20.0	3.000	7.500	A	100	J	.500	B	250μA	80	80	.400
2N1185	PG 210	5	ETC,MOT	45	30R	30.0	.500	.200	A	100	J	1.750	B	10μA	30	170	.010
2N1186	PG 210	5	ETC,MOT	60	45R	30.0	.500	.200	A	100	J	.750	B	10μA	45	44	.010
2N1187	PG 210	5	ETC,MOT	60	45R	30.0	.500	.200	A	100	J	1.000	B	10μA	45	75	.010
2N1188	PG 210	5	MOT,ETC	60	45R	30.0	.500	.200	A	100	J	1.250	B	10μA	45	115	.010
2N1189	PG 210	5	MOT	45	30R	15.0	.500	.200	A	100	S	1.750	B	50μA	45	125	1.000
2N1190	PG 210	5	MOT	45	30R	15.0	.500	.200	A	100	S	2.250	B	50μA	45	213	1.000
2N1191	PG 210	5	ETC,MOT	40	25R	25.0	.200	.200	A	85	J	1.500	B	15μA	25	40	.010
2N1192	PG 210	5	ETC,MOT	40	25R	25.0	.200	.200	A	85	J	2.000	B	15μA	25	74	.010
2N1193	PG 210	5	ETC,MOT	40	25R	25.0	.200	.200	A	85	J	2.500	B	15μA	25	145	.010
2N1194	PG 210	5	ETC,MOT	40	25R	25.0	.200	.200	A	85	J	3.000	B	15μA	25	275	.010
2N1195	PG 211	5	MOT,TII,WEC	30		1.0	.040	.225	A	100	J	1000.000	B	5μA	20	25	.010
2N1196	PS 210	5	HUG	70	70	4.0	.100	.350	A	200	J	AMP,OSC				5	.002
2N1197	PS 210	5	HUG	70	70	4.0	.100	.350	A	200	J	AMP,OSC				5	.002
2N1198	NG 210	5	ETC,GEC	25	25	.5	.075	.075	A	85	J	5.000	B	2μA	15	60	
2N1199	NS 211	5	ETC	20	15	3.0	.100	.150	A	150	J	75.000	G	700NA	10	12	.020
2N1199A	NS 170	9	PHL	20		3.0	.100	.150	A			125.000	G				
2N1200	NS 170	9	PHL	20	15	2.0	.100	.100	A	165	S	4.300	B			7	.001
2N1201	NS 170	9	PHL	20	15	2.0	.100	.100	A	165	S	12.500	B			7	.001
2N1202	PG 427 A		SOL,HUG,KSC,MHR	80	60	28.0	3.500	34.000	C	100	J	.200	G	2MA	80	70	.500
2N1203	PG 427 A		SOL,HUG,KSC,MHR	120	70	28.0	3.500	34.000	C	100	J	.200	G	2MA	120	44	2.000
2N1204	PG 210	5	MOT,PHL	20	15	4.0	.500	.200	A	100	J	110.000	G	7μA	5	35	.400
2N1204A	PG 210	5	MOT,PHL	20	15	4.0	.500	.200	A	100	J	110.000	G	7μA	5	50	.200
2N1206	NS 210	5	ETC,TEC,HUG,STI	60	60	3.0	.150	3.000	H	200	S	10.000	G	1μA	30	50	.050
2N1207	NS 210	5	ETC,TEC,HUG,CRY,STI	125	125	3.0	.150	3.000	H	200	S	10.000	G	1μA	30	50	.050
2N1208	NS 560	61	STI,TEC,SES,ETC,HUG,STC	60	60	10.0	5.000	85.000	C	200	J	12.000	B	10MA	60	30	2.000
2N1209	NS 561	61	PPC,TEC,SES,ETC,HUG,STC	45	45	5.0	5.000	85.000	C	200	J	12.000	B	20MA	45	40	2.000
2N1210	NS 731	53	STI,TEC,ETC,HUG,STC	60	60	8.0	5.000	60.000	A	200	J	15.000	B	1MA	60	35	2.000
2N1211	NS 731	53	STI,TEC,ETC,HUG,STC	80	80	8.0	5.000	60.000	A	200	J	15.000	B	1MA	80	35	1.000
2N1212	NS 561	61	STI,TEC,ETC,HUG,STC,SEN	60	60	10.0	5.000	85.000	C	200	J	10.000	B	10MA	60	22	1.000
2N1213	PG 211	5	RCA	25		1.0	.100	.075	A	85	A	HS SW		3μA			
2N1214	PG 211	5	RCA	25		1.0	.100	.075	A	85	A	HS SW		3μA			
2N1215	PG 211	5	RCA	25		1.0	.100	.075	A	85	A	HS SW		3μA			
2N1216	PG 211	5	RCA	25		1.0	.100	.075	A	85	A	HS SW		3μA			
2N1217	NG 210	5	ETC	20	20	.5	.025	.075	A	85	J	6.000	B	2μA	15	68	
2N1217+	NG 12 A		GEC	20	20	5.0	.025	.075	A	85	J	6.000	B	1μA	15	60	
2N1218	NG 605	3	SYL,STI,GPD	45	45R	15.0	3.000	20.000	C	100	J	.007	G	3MA	45	75	1.000
2N1219	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	30	25	20.0	.100	.250	A	175	J	5.000	G	100NA	10	27	.005
2N1220	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	30	25	20.0	.100	.250	A	175	J	2.000	G	100NA	10	14	.005
2N1221	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	30	25	10.0	.100	.250	A	175	J	5.000	G	100NA	10	27	.001
2N1222	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	30	25	10.0	.100	.250	A	175	J	2.000	G	100NA	10	14	.001
2N1223	PS 210	5	SSD,SOL,HUG,CRY,STI	40	40	10.0	.100	.250	A	175	J	2.000	B	100NA	10	10	.001
2N1224	PG 217	12	AMP,RCA	40		.5	.010	.120	A	100	J	30.000	B	12μA	12	60	
2N1225	PG 217	12	AMP,CSF,RCA	40		.5	.010	.120	A	100	J	100.000	B	12μA	12	60	
2N1226	PG 217	33	AMP,RCA	60		.5	.010	.120	A	100	J	30.000	B	12μA	12	60	
2N1227	PG 605	3	SOL,HUG,KSC,STI,BEN	35	20	10.0	3.000	50.000	C	95	S	.003	G	2MA	35	200	.500
2N1228	PS 210	5	HUG,SSD,NSC,SOL,CRY,STI	15	15	15.0	.100	.400	A	160	J	3.000	B	100NA	12	22	.001
2N1229	PS 210	5	HUG,SSD,SOL,CRY,STI	15	15	15.0	.100	.400	A	160	J	4.000	B	100NA	12	44	.001
2N1230	PS 210	5	HUG,SSD,SOL,CRY,STI	35	35	35.0	.100	.400	A	160	J	3.000	B	100NA	30	22	.001
2N1231	PS 210	5	HUG,SSD,NSC,SOL,CRY,STI	35	35	35.0	.100	.400	A	160	J	4.000	B	100NA	30	44	.001
2N1232	PS 210	5	HUG,SSD,NSC,SOL,CRY,STI	60	60	60.0	.100	.400	A	160	J	2.000	B	100NA	50	22	.001
2N1233	PS 210	5	HUG,SSD,NSC,SOL,CRY,STI	60	60	60.0	.100	.400	A	160	J	2.000	B	100NA	50	44	.001
2N1234	PS 210	5	HUG,SSD,SOL,CRY,STI	110	110	99.0	.100	.400	A	160	J	1.000	B	100NA	90	22	.001
2N1235	NS 731	53	HUG,STI,TII	120	120R	10.0	2.000	85.000	C	200	J	.050	E	10MA	120	36	1.000
2N1238	PS 903 A		HUG,SOL	15	15	15.0		1.000	A	160	J	.800	B	100NA	12	22	.001
2N1239	PS 903 A		HUG,SOL	15	15	15.0		1.000	A	160	J	.800	B	100NA	12	48	.001
2N1240	PS 903 A		HUG,SOL	35	35	35.0		1.000	A	160	C	.800	B	100NA	28	22	.001
2N1241	PS 903 A		HUG,SOL	35	35	35.0		1.000	A	160	C	.800	B	100NA	28	48	.001
2N1242	PS 903 A		HUG,SOL	60	60	60.0		1.000	A	160	C	.800	B	100NA	48	22	.001
2N1243	PS 903 A		HUG,SOL	60	60	60.0		1.000	A	160	C	.800	B	100NA	48	48	.001
2N1244	PS 903 A		HUG,SOL	110	110	99.0		1.000	A	160	J	.800	B	100NA	88	22	.001
2N1245	PG 605	3	CBS	30	25	15.0	4.000	20.000	A	100	J	.125	B	5MA	25	50	
2N1246	PG 605	3	CBS	30	25	15.0	4.000	20.000	A	100	J	.125	B	5MA	25	150	
2N1247	NS 210	5	TEC,HUG,STI	6	6	2.0	.005	.030	A	150	S	5.000	G	5NA	3	30	
2N1248	NS 210	5	TEC,HUG,STI	6	6	1.0	.005	.030	A	150	J	AUD		10NA	6	14	
2N1249	NS 210	5	TEC,HUG,STI	6	6	1.0	.005	.030	A	150	S			10NA	3	30	.010
2N1250	NS 730	53	STI,TEC,HUG,STC	60	60		5.000	85.000	C	200	J	.020	E	10MA	60	30	2.000
2N1251	NG 210	5	ETC	20	15R	10.0	.100	.150	A	85	J	.600	B	50μA	20	225	
2N1251+	NG 10	22	SYL	20	15R		.100	.150	A	85	J	.350	G	50μA	20	150	
2N1252	NS 211	5	SOL,RAY,TEC,HUG,FSC,STI	30	20R	5.0		2.000	C	175	J	40.000	G	100μA	30	30	.150
2N1252A	NS 211	5	RAY	60	30	5.0	1.000	.800	A	200	J	40.000	G			15	.150
2N1253	NS 211	5	SOL,RAY,TEC,HUG,FSC,STI	30	20R	5.0		2.000	C	175	J	50.000	G	100μA	30	60	.150
2N1253A	NS 211	5	RAY	60	30	5.0	1.000	.800	A	200	J	50.000	G			30	.150
2N1254	PS 210	5	HUG,TEC,STI	30	30	5.0		.275	A	175	A	30.000	G	200NA	24	37	.010
2N1255	PS 210	5	HUG,TEC,STI	30	30	5.0		.275	A	175	A	50.000	G	200NA	24	60	.010
2N1256	PS 210	5	HUG,TEC,STI	40	40	5.0		.275	A	175	A	30.000	G	200NA	32	37	.010
2N1257	PS 210	5	HUG,TEC,STI	40	40	5.0		.275	A	175	A	50.000	G	200NA	32	60	.010
2N1258	PS 210	5	HUG,TEC,STI	30	30	5.0		.275	A	175	A	50.000	G	200NA	24	113	.010
2N1259	PS 210	5	HUG,TEC,STI	50	50	5.0		.275	A	175	A	40.000	G	200NA	40	63	.010
2N1260	NS 731	53	HUG,STI,TII	120	120R	10.0	2.000	85.000	C	200	J	.050	E	10MA	120	36	1.000
2N1261	PG 427 A		SOL,HUG,KSC,MHR	80	45	28.0	3.500	32.000	C	95	J	.200	G	2MA	80	36	2.000
2N1262	PG 427 A		SOL,HUG,KSC,MHR	80	45	28.0	3.500	32.000	C	95	J	.200	G	2MA	80	50	2.000
2N1263	PG 427 A		SOL,HUG,KSC,MHR	80	45	28.0	3.500	32.000	C	95	J	.200	G	2MA	80	76	2.000
2N1264	PG 75 A		SYL	20		.1	.010	.050	A	75	J	10.000	G	50μA	20	30	
2N1265	PG 10	22	SYL	10	10		.100	.050	A	85	J	.600	B	100μA	10	60	
2N1265/5	PG 210	5	ETC	20	10	10.0	.100	.100	A	85	J	1.000	B	10μA	10	80	
2N1266	PG 210	5	ETC		10R			.080	A	85	J	3.000	B	100μA	10	15	
2N1266+	PG 10	22	SYL	10	10			.080	A	85	J	5.000	G	100μA	10	48	.001
2N1267	NS 211	5	ETC	20	15	2.0	.100	.300	A	150	J	45.000	G	700NA	10	10	.002
2N1268	NS 211	5	ETC	20	15	2.0	.100	.300	A	150	J	45.000	G	700NA	10	20	.002
2N1269	NS 211	5	ETC	20	15	2.0	.100	.300	A	150	J	45.000	G	700NA	10	50	.002
2N1270	NS 211	5	ETC	20	15	2.0	.100	.300	A	150	J	125.000	G	700NA	10	10	.002
2N1271	NS 211	5	ETC	20	15	2.0	.100	.300	A	150	J	125.000	G	700NA	10	20	.002
2N1272	NS 211	5	ETC	20	15	2.0	.100	.300	A	150	J	125.000	G	700NA	10	50	.002
2N1273	PG 210	5	ETC,TII	15	15	10.0	.150	.150	A	85	J	1.000	B	14μA	12	100	.050
2N1274	PG 210	5	ETC,TII	25	25	10.0	.150	.150	A	85	J	1.000	B	14μA	12	100	.050
2N1275	PS 210	5	HUG,NSC,SOL,CRY,STI,RAY	100	80	60.0	.050	.250	A	160	J	.200	G	1μA	60	17	.001
2N1276	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	40	30	1.0	.025	.150	A	150	J	15.000	G	1μA	30	14	
2N1277	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	40	30	1.0	.025	.150	A	150	J	15.000	G	1μA	30	29	
2N1278	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	40	30	1.0	.025	.150	A	150	J	15.000	G	1μA	30	60	
2N1279	NS 210	5	ETC,TII,TEC,HUG,STI,GEC	40	30	1.0	.025	.150	A	150	J	15.000	G	1μA	30	150	
2N1280	PG 210	5	ETC,ITC	16	16	10.0	.400	.200	A	85	J	50.000	B	10μA	10	40	
2N1281	PG 210	5	ETC,ITC	16	12	10.0	.400	.200	A	85	J	7.000	B	10μA	10	60	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N1282	PG 210	5	ETC,ITC	16	6	10.0	.400	.200	A	85	J	10.000	B	10μA	10	70	
2N1284	PG 210	5	ETC,ITC	20	20R	10.0	.400	.150	A	85	J	5.000	B	6μA	20	150	
2N1285	PG 217	33	SYL	40		2.5	.010	.240	A	100	J	100.000	B	12μA	12	60	
2N1287	PG 210	5	BEN	25			.300	.300	A	100	S	1.000	B				
2N1287A	PG 210	5	BEN	25			.300	.300	A	100	S	1.000	B				
2N1288	NG 210	39	GEC	15		5.0	.050	.075	A	100	J	60.000	B			300	.010
2N1289	NG 210	39	GEC	25	15	15.0	.050	.075	A	85	J	40.000	B	5μA	15	300	
2N1291	PG 605	3	ETC,KSC,CBS	35	30	15.0	3.000	20.000	C	85	J			2MA	35	45	.500
2N1292	NG 605	3	KSC,STI,CBS,GPD	35	30	15.0	3.000	25.000	C	100	J	AUD		1MA	35	60	.500
2N1293	PG 605	3	ETC,KSC,CBS	60	60	15.0	3.000	20.000	C	95	J			2MA	60	52	.500
2N1294	NG 605	3	KSC,STI,CBS	60	45	15.0	3.000	25.000	C	100	J	AUD		2MA	60	60	.500
2N1295	PG 605	3	ETC,KSC,CBS	80	80	15.0	3.000	20.000	C	95	J			2MA	80	60	.500
2N1296	NG 605	3	KSC,STI,CBS,GPD	80	60	15.0	3.000	25.000	C	100	J	AUD		3MA	80	60	.500
2N1297	PG 605	3	ETC,KSC,CBS	100	100	15.0	3.000	20.000	C	95	J			4MA	100	52	.500
2N1298	NG 605	3	KSC,GPD,CBS	100	80	15.0	3.000	25.000	C	100	J	AUD				60	.500
2N1299	NG 212	5	ETC,SYL	40	20R	15.0	.200	.150	A	100	J	4.000	B	100μA	40	70	
2N1300	PG 210	5	RCA	13	12	1.0	.100	.150	A	85	J	25.000	G	3μA	6	50	
2N1301	PG 210	5	RCA	13	12	4.0	.100	.150	A	85	J	35.000	G	3μA	6	50	
2N1302	NG 212	5	RCA,GIC,TII,ETC,AMP,TIL	25	25	25.0	.300	.150	A	85	A	3.000	B	6μA	25	50	.010
2N1303	PG 212	5	GEC,RCA,TII,AMP,TAD,ETC	30	25	25.0	.300	.150	A	85	A	3.000	B	6μA	25	50	.010
2N1304	NG 212	5	AMP,RCA,TAD,TII,ETC,HUG	25	25	25.0	.300	.150	A	85	A	5.000	B	6μA	25	70	.010
2N1305	PG 212	5	GEC,RCA,TAD,AMP,TII,ETC	30	25	25.0	.300	.150	A	85	A	5.000	B	6μA	25	70	.010
2N1306	NG 212	5	AMP,RCA,GIC,TAD,TII,ETC	25	25	25.0	.300	.150	A	85	A	10.000	B	6μA	25	100	.010
2N1307	PG 212	5	GEC,RCA,GIC,TAD,TII,ETC	30	25	25.0	.300	.150	A	85	A	10.000	B	6μA	25	100	.010
2N1308	NG 212	5	AMP,RCA,TAD,TII,ETC,TIL	25	25	25.0	.300	.150	A	85	A	15.000	B	6μA	25	150	.010
2N1309	PG 212	5	RCA,TII,TAD,ETC,AMP,TIL	30	25	25.0	.300	.150	A	85	A	15.000	B	6μA	25	150	.010
2N1309A	PG 212	5	GIC	35	15	35.0	.300	.150	A	85	J	15.000	B	6μA	25	80	.010
2N1310	NG 210	5	GIC,TII	90		20.0		.120	A	85	J	2.400	B	7μA	5	42	.005
2N1311	NG 210	5	GIC	75		20.0		.120	A	85	J	2.200	B	7μA	5	38	.005
2N1312	NG 210	5	GIC	50		20.0		.120	A	85	J	2.600	B	7μA	5	46	.005
2N1313	PG 210	5	ETC,GIC,TSE	30	15	20.0	.400	.180	A	85	J	6.000	B	5μA	15	50	.400
2N1314	PG 605	3	PHN,RAD	32	16	10.0	3.500	55.000	A	90	J	.004	E	100μA	14	50	
2N1316	PG 210	5	ETC,ITC	30	15	20.0	.400	.200	A	85	J	10.000	B	25μA	30	200	
2N1317	PG 210	5	ETC,ITC	20	12	15.0	.400	.200	A	85	J	10.000	B	6μA	12	180	
2N1318	PG 210	5	ETC,ITC	10	6	8.0	.400	.200	A	85	J	10.000	B	20μA	15	150	
2N1319	PG 229	5	TII,RCA	20	20	20.0	.400	.120	A	85	S	3.000	G	6μA	12	15	.400
2N1320	PG 430	10	CBS	35	30	15.0	3.000	20.000	A	100	J						
2N1321	NG 430	10	KSC,CBS,GPD	35	30	15.0	3.000	25.000	C	100	J	A00500		1MA	35	60	.500
2N1322	PG 430	10	CBS	60	60	15.0	3.000	20.000	A	100	J						
2N1323	NG 430	10	KSC,GPD,CBS	60	45	15.0	3.000	25.000	C	100	J	AUD		2MA	60	60	.500
2N1324	PG 430	10	CBS	80	80	15.0	3.000	20.000	A	100	J						
2N1325	NG 430	10	KSC,CBS,GPD	80	60	15.0	3.000	25.000	C	100	J	AUD		3MA	80	60	.500
2N1326	PG 430	10	CBS	100	100	15.0	3.000	20.000	A	100	J						
2N1327	NG 430	10	KSC,CBS,GPD	100	80	15.0	3.000	25.000	C	100	J	.008	E			60	.500
2N1328	PG 430	13	KSC,CBS,GPD	35	30	15.0	3.000	20.000	C	100	J	.008	E			60	.500
2N1329	NG 430	13	KSC,CBS,GPD	35	30	15.0	3.000	25.000	C	100	J	.008	E			60	.500
2N1330	NG 430	13	KSC,CBS,GPD	60	45	15.0	3.000	25.000	C	100	J	.008	E			60	.500
2N1331	PG 430	13	KSC,CBS,GPD	80	80	15.0	3.000	20.000	C	100	J	.008	E			60	.500
2N1332	NG 430	13	KSC,CBS	80	60	15.0	3.000	25.000	C	100	J	.008	E			60	.500
2N1333	PG 430	13	KSC,GPD,CBS	100	100	15.0	3.000	20.000	C	100	J	.008	E			60	.500
2N1334	NG 430	13	KSC,GPD,CBS	100	80	15.0	3.000	25.000	C	100	J	.008	E			60	.500
2N1335	NS 211	5	HUG,STI,TRW	120	45	4.0	.300	.800	A	175	J	70.000	G	1μA	120	80	.030
2N1336	NS 211	5	TRW,HUG,STI	120	45	4.0	.300	.800	A	175	J	70.000	G	1μA	120	80	.030
2N1337	NS 211	5	TRW,HUG,STI	120	45	4.0	.300	.800	A	175	J	70.000	G	1μA	120	80	.030
2N1338	NS 211	5	TRW,HUG	80	25	3.0	.300	.800	A	175	J	70.000	G	10μA	10	80	.030
2N1339	NS 211	5	TRW,HUG	120	50	3.0	.300	.800	A	175	J	70.000	G	1μA	10	80	.030
2N1340	NS 211	5	TRW,HUG,STI	120	50	3.0	.300	.800	A	175	J	70.000	G	1μA	10	80	.030
2N1341	NS 211	5	TRW,HUG,STI	120	50	3.0	.300	.800	A	175	J	70.000	G	1μA	10	80	.030
2N1342	NS 211	5	TRW,HUG,STI	150	65	5.0	.300	.800	A	175	J	70.000	G	10μA	120	80	.030
2N1343	PG 210	5	ETC,ITC	20	16	10.0	.400	.150	A	85	J	4.000	B	6μA	15	15	
2N1344	PG 210	5	ETC,ITC	15	10	10.0	.400	.150	A	85	J	7.000	B	10μA	15	60	
2N1345	PG 210	5	ETC,ITC	10	8	5.0	.400	.150	A	85	J	10.000	B	6μA	12	100	.400
2N1346	PG 210	5	ETC,ITC	12	10	8.0	.400	.150	A	85	J	10.000	B	5μA	5	250	
2N1347	PG 210	5	ETC,ITC	20	12	10.0	.200	.150	A	85	J	5.000	B	6μA	12	30	
2N1348	PG 210	5	ETC	40	12	25.0	.400	.200	A	85	J	5.000	B	10μA	12	68	.010
2N1349	PG 210	5	ETC	40	15	25.0	.400	.200	A	85	J	10.000	B	10μA	12	75	.010
2N1350	PG 210	5	ETC	40	20	25.0	.400	.200	A	85	J	8.000	B	20μA	30	68	.010
2N1351	PG 210	5	ETC	40	18	25.0	.400	.200	A	85	J	8.000	B	10μA	12	68	.010
2N1352	PG 210	5	ETC,ITC	30	20	15.0	.200	.150	A	85	J	1.250	B	5μA	30	100	
2N1353	PG 210	5	ETC,ITC	15	10	10.0	.200	.200	A	85	J	3.500	B	6μA	10	150	
2N1354	PG 210	5	ETC,ITC	30	15	20.0	.200	.200	A	85	J	4.500	B	6μA	15	150	
2N1355	PG 210	5	ETC,ITC	30	20	20.0	.200	.200	A	85	J	8.000	B	6μA	20	150	
2N1356	PG 210	5	ETC,ITC	30	20	20.0	.200	.200	A	85	J	5.000	B	6μA	20	100	
2N1357	PG 210	5	ETC,ITC	30	15	20.0	.200	.200	A	85	J	12.000	B	6μA	15	150	
2N1358	PG 405	36	CSF,DEL,MOT,ETC,GPD,HUG	80	40	60.0	15.000	150.000	C	100	J	.100	B	4MA	80	38	5.000
2N1358A	PG 405	36	DEL,ETC,MOT	100	60	60.0	15.000	50.000	H	100	J	.100	B	4MA	100	38	5.000
2N1359	PG 605	3	GPD,MOT,HUG,ETC,KSC	50	40S	12.0	3.000	94.000	C	100	J	.007	E	3MA	40	60	1.000
2N1360	PG 605	3	GPD,MOT,ETC,HUG,KSC	50	40S	12.0	3.000	94.000	C	100	J	.005	E	3MA	40	90	1.000
2N1362	PG 605	3	GPD,MOT,ETC,HUG,KSC	100	75S	12.0	3.000	94.000	C	100	J	.007	E	3MA	75	60	1.000
2N1363	PG 605	3	GPD,MOT,ETC,HUG,KSC	100	75S	12.0	3.000	94.000	C	100	J	.005	E	3MA	75	90	1.000
2N1364	PG 605	3	GPD,MOT,ETC,HUG	120	100S	12.0	3.000	94.000	C	100	J	.007	E	3MA	100	60	1.000
2N1365	PG 605	3	GPD,MOT,ETC,HUG	120	100S	12.0	3.000	94.000	C	100	J	.005	E	3MA	100	90	1.000
2N1366	NG 212	5	RAY	18	18R	3.0	.025	.100	A	85	S	17.500	G	15μA	12	20	.001
2N1367	NG 212	5	RAY	18	18R	3.0	.025	.100	A	85	S	13.750	G	15μA	12	10	.001
2N1370	PG 210	5	ETC,TII,STI	25	25R	10.0	.200	.150	A	85	J	1.000	B	14μA	20	100	.050
2N1371	PG 210	5	ETC,TII	45	45R	10.0	.200	.150	A	85	J	1.000	B	14μA	20	100	.050
2N1372	PG 210	5	ETC,TAD,TII	25	25	15.0	.200	.250	A	100	J	.750	B	7μA	20	60	.050
2N1373	PG 210	5	ETC,TAD,TII,STI	45	45	25.0	.200	.250	A	100	J	.750	B	7μA	20	60	.050
2N1374	PG 210	5	ETC,TAD,TII	25	25	15.0	.200	.250	A	100	J	1.000	B	7μA	20	90	.050
2N1375	PG 210	5	ETC,TAD,TII	45	45	25.0	.200	.250	A	100	J	1.000	B	7μA	20	90	.050
2N1376	PG 210	5	ETC,TAD,TII	25	25	15.0	.200	.250	A	100	J	1.000	B	7μA	20	100	.050
2N1377	PG 210	5	ETC,TAD,TII,STI	45	45	25.0	.200	.250	A	100	J	1.000	B	7μA	20	100	.050
2N1378	PG 210	5	ETC,TAD,TII	12	12	7.0	.200	.250	A	100	J	1.500	B	7μA	12	200	.050
2N1379	PG 210	5	ETC,TAD,TII	25	25	15.0	.200	.250	A	100	J	1.500	B	7μA	20	200	.050
2N1380	PG 210	5	ETC,TAD,TII	12	12	7.0	.200	.250	A	100	J	1.500	B	14μA	12	200	.050
2N1381	PG 210	5	ETC,TAD,TII,STI	25	25	15.0	.200	.250	A	100	J	1.500	B	14μA	20	100	.050
2N1382	PG 210	5	ETC,TII	25	25	15.0	.200	.250	A	85	J	2.000	B	14μA	20	90	.050
2N1383	PG 210	5	ETC,TII	25	25	15.0	.200	.200	A	85	J	1.500	B	14μA	20	72	.050
2N1384	PG 210	11	RCA	30	30	1.0	.500	.240	A	85	A	20.000	G	8μA	12	50	
2N1385	PG 211	5	TII	25	10	4.0	.100	.750	C	100	S	250.000	F	10μA	15	10	.010
2N1386	NS 210	5	ETC,RAY	25	25	3.0	.050	.300	A	175	S	25.000	B	100NA	6	60	.010
2N1387	NS 210	5	ETC,RAY	30	30	3.0	.050	.300	A	175	S	25.000	B	100NA	6	30	.010
2N1388	SEE RF POWER SECTION																
2N1389	NS 210	5	RAY	50	50S	1.5		.300	A	165	A	25.000	B			4	
2N1390	SEE RF POWER SECTION																

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N1391	NS 210	5	ETC,GIC	25	18	15.0		.150	A	100	J	3.000 B	4μA	5	80	.020
2N1395	PG 217	33	AMP,RCA	40		.5	.010	.240	A	100	J	30.000 B	12μA	12	90	
2N1396	PG 217	33	AMP,RCA	40		.5	.010	.240	A	100	J	100.000 B	12μA	12	90	
2N1397	PG 217	33	RCA	40		.5	.010	.240	A	100	J	120.000 B	12μA	12	90	
2N1398	PG 217	12	TII	30	20	5.0	.010	.050	A	85	J	140.000 G	10μA	12	10	.001
2N1399	PG 217	12	TII	30	20	5.0	.010	.050	A	85	J	140.000 G	10μA	12	4	.001
2N1400	PG 217	12	TII	30	20	5.0	.010	.050	A	85	J	100.000 G	10μA	12	8	.001
2N1401	PG 217	12	TII	30	20	5.0	.010	.050	A	85	J	120.000 G	10μA	12	5	.001
2N1402	PG 217	12	TII	30	20	5.0	.010	.050	A	85	J	100.000 G	10μA	12	8	.001
2N1403	PG 211	5	TII	15	12	1.0	.100	.250	A	100	S	200.000 B			25	.007
2N1404	PG 212	5	TII,ETC	25	25	20.0	.300	.150	A	85	J	4.000 B	5μA	15		
2N1404A	PG 211	5	TII	25	15	20.0		.150	A	100	J	3.000 G			24	.024
2N1405	PG 217	12	TII	30	20	1.0	.050	.075	A	100	J	250.000 G	5μA	12	10	
2N1406	PG 217	12	TII	30	20	1.0	.050	.075	A	100	J	250.000 G	5μA	12	10	
2N1407	PG 217	12	TII	30	20	1.0	.050	.075	A	100	J	200.000 G	5μA	12	10	
2N1408	PG 210	5	MOT,ETC,GIC	50	50S	10.0	.200	.150	A	85	J	AUD	7μA	5	20	
2N1409	NS 211	5	TRW,ETC	30	25R	4.0		.600	C	175	J	50.000 G	10μA	20	26	.150
2N1409A	NS 211	5	TRW,ETC	30	25R	4.0		.800	C	175	J	50.000 G	10μA	20	26	.150
2N1410	NS 211	5	TRW,ETC	45	30R	4.0		.600	C	175	J	50.000 G	10μA	20	52	.150
2N1410A	NS 211	5	TRW,ETC	45	30R	4.0		.800	C	175	J	50.000 G	10μA	20	52	.150
2N1411	PG 116	24	SPR,HUG	5	5S		.050	.025	A	85	J	MS SW	5μA	5	32	.050
2N1412	PG 405	36	GPD,DEL,MOT,RCA,ETC,HUG	100	65	80.0	15.000	87.000	C	100	J	.010 E	4MA	100	37	5.000
2N1413	PG 212	5	GEC,TAD,ETC,MOT	35	25R	10.0	.200	.200	A	85	J	.800 B	12μA	30	36	
2N1414	PG 212	5	GEC,TAD,MOT,ETC	35	25	10.0	.200	.200	A	85	J	1.000 B	12μA	30	52	
2N1415	PG 212	5	GEC,TAD,ETC,MOT	35	25	10.0	.200	.200	A	85	J	1.300 B	12μA	30	72	
2N1416			M.P.2N223													
2N1417	NS 210	5	TEC,HUG	15	15	2.0	.050	.150	A	150	S		10μA	30	30	.010
2N1418	NS 210	5	TEC,HUG,STI	30	30	2.0	.050	.150	A	150	S		1μA	15	30	.001
2N1419	PG 605	3	CLE	80	70			87.000	A			SW,IND			70	
2N1420	NS 210	5	MOT,GIC,TRW,TII,SES,ETC	60	30R	5.0		.600	A	200	S	50.000 G	1μA	30	180	.150
2N1420A	NS 211	5	TRW,HUG,STI,FSC	60	40R	7.0	1.000	.800	A	200	S	60.000 G	10NA	50	170	.150
2N1421	NS 561	61	TEC	60	60S	10.0	3.000	30.000	C	200	S	10.000 G	10MA	60	50	1.000
2N1422	NS 605	3	TEC	60	60S	10.0	3.000	30.000	C	200	S	10.000 G	10MA	60	50	1.000
2N1423	NS 605	3	TEC	60	60S	10.0	3.000	60.000	C	200	S	10.000 G	10MA	60	50	2.000
2N1424	NS 561	61	TEC	60	60S	10.0	3.000	60.000	C	200	S	10.000 G	10MA	60	50	2.000
2N1425	PG 75	7	RCA	24		.5	.010	.080	A	85	J	33.000 B	12μA	12	50	
2N1426	PG 75	7	RCA	24		.5	.010	.080	A	85	J	33.000 B	12μA	12	130	
2N1427	PG 116	24	SPR,HUG	6	6S	6.0	.050	.025	A	100	S	50.000 G	5μA	6	50	
2N1428	PS 120	1	PHL	6	6		.050	.100	A	165	J	23.000 F			30	.005
2N1429	PS 210	5	SOL,HUG,CRY	6	6	6.0		.100	A	140	J	10.000 B	100NA		37	.001
2N1430	PG 607	41	GPD,BEN	120	100	1.5	10.000	70.000	C	110	S	.600 G	200μA	2	60	5.000
2N1431	NG 210	5	ETC	20	15	1.0	.100	.180	A	75	J	.010 B	50μA	20	90	
2N1431+	NG 10	22	SYL	20	15	10.0	.100	.180	A	75	J	.200 G	50μA	20	110	
2N1432	PG 217	33	SYL	45	45	.5	.010	.100	A	100	J	7.000 G	15μA	45	60	
2N1433	PG 427	10	CBS	80	50	28.0	3.500	35.000	C	95	J	.200 B	2MA	80	50	
2N1434	PG 427	10	CBS	80	50	28.0	3.500			95	J	.200 B	2MA	80	115	
2N1435	PG 427	10	CBS	80	50	28.0	3.500			95	J	.200 B	2MA	80	75	
2N1436	PG 170	9	PHL	15	12S		.050	.050	A			HS SW			20	.010
2N1437	PG 430	13	KSC,CBS	100	90		3.000	20.000	C	100	J	.008 E			30	.500
2N1438	PG 430	10	KSC,CBS	100	90S		3.000	20.000	C	100	J	.008 E			30	.500
2N1439	PS 210	5	SOL,HUG,CRY,STI,NSC	50	50	50.0	.100	.400	A	200	S	.500 G	25NA	15	16	.001
2N1440	PS 210	5	NSC,ETC,SOL,HUG,CRY,STI	60	50	60.0	.100	.400	A	200	S	1.000 B	25NA	15	16	.001
2N1441	PS 210	5	NSC,ETC,SOL,HUG,CRY,STI	50	35	50.0	.100	.400	A	200	S	1.000 B	25NA	15	26	.001
2N1442	PS 210	5	NSC,ETC,SOL,HUG,CRY,STI	50	30	50.0	.100	.400	A	200	S	1.000 B	25NA	15	48	.001
2N1443	PS 210	5	NSC,SOL,HUG,CRY,STI	50	15	50.0	.100	.400	A	200	S	1.000 B	25NA	15	50	.001
2N1444	NS 211	29	WEC	60	20	6.0	.250	.500	A	150	S		500NA	40	20	.250
2N1445	NS 211	5	HUG,STI,TII	120	120	8.0	.750	.800	A	200	J	.075 E	10μA	120	50	.200
2N1446	PG 210	5	ETC,ITC	45	25	15.0	.400	.200	A	85	J	5.000 B	10μA	30	45	
2N1447	PG 210	5	ETC,ITC	45	25	15.0	.400	.200	A	85	J	6.000 B	10μA	30	65	
2N1448	PG 210	5	ETC,ITC	45	25	15.0	.400	.200	A	85	J	7.000 B	10μA	30	90	
2N1449	PG 210	5	ETC,ITC	45	25	15.0	.400	.200	A	85	J	8.000 B	10μA	30	125	
2N1450	PG 210	5	ETC,GIC	30	20	1.0	.100	.120	A	85	J		10μA	7	40	.010
2N1450+	PG 217	33	SYL	30	20	1.0	.100	.120	A	100	J	MS SW	100μA	30	40	
2N1451	PG 210	5	ETC,ITC	45	20	10.0	.400	.200	A	85	J	1.500 B	15μA	45	65	
2N1452	PG 210	5	ETC,ITC	45	20	10.0	.400	.200	A	85	J	2.200 B	15μA	45	90	
2N1453	PG 430	13	CBS	30	25	15.0	5.000	40.000	C			LF PWR			65	1.000
2N1454	PG 430	13	CBS	30	25	15.0	5.000	40.000	C			LF PWR			110	1.000
2N1455	PG 430	13	CBS	60	50	15.0	5.000	40.000	C			LF PWR			65	1.000
2N1456	PG 430	13	CBS	60	50	15.0	5.000	40.000	C			LF PWR			110	1.000
2N1457	PG 430	13	CBS	80	65	15.0	5.000	40.000	C			LF PWR			65	1.000
2N1458	PG 430	13	CBS	80	65	15.0	5.000	40.000	C			LF PWR			110	1.000
2N1461	PG 430	10	CBS	30	25	15.0	5.000	40.000	C			LF PWR			65	1.000
2N1462	PG 430	10	CBS	30	25	15.0	5.000	40.000	C			LF PWR			110	1.000
2N1463	PG 430	10	CBS	60	50	15.0	5.000	40.000	C			LF PWR			65	1.000
2N1464	PG 430	10	CBS	60	50	15.0	5.000	40.000	C			LF PWR			110	1.000
2N1465	PG 430	13	KSC,CBS	120	100		3.000	40.000	C	100	J	.008 E			30	.500
2N1466	PG 430	10	KSC,CBS	120	100S		3.000	40.000	C	100	J	.008 E			30	.500
2N1469	PS 210	5	SSD,SOL,HUG,CRY,STI	40	35	40.0	.100	.250	A	175	J	2.000 G	25NA	35	50	
2N1470	NS 605	3	RAY	60	60S	3.0	1.000	55.000	A	200	J	1.000 B			15	1.000
2N1471	PG 210	5	ETC,ITC	12	12	7.0	.200	.200	A	85	J	3.000 B	5μA	15	175	
2N1472	NS 211	5	ETC	25	25	3.0	.100	.150	A	150	J	75.000 G	500NA	10	20	.010
2N1473	NG 212	5	ETC,SYL	40	40R	15.0	.400	.250	A	85	J	4.000 B	100μA	40	50	.400
2N1474	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	60	60	60.0	.100	.250	A	175	J	1.000 G	50NA	50	30	.001
2N1474A	PS 210	5	SSD,SOL,HUG,CRY,STI	60	60	60.0	.100	.250	A	175	J	2.000 G	50NA	50	26	.001
2N1475	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	60	60	60.0	.100	.250	A	175	J	1.000 G	50NA	50	60	.001
2N1476	PS 210	5	SSD,NSC,SOL,HUG,CRY,STI	100	100	100.0	.100	.250	A	175	J	1.000 G	200NA	80	24	.001
2N1477	PS 210	5	SSD,SOL,HUG,CRY,STI	100	100	100.0	.100	.250	A	175	J	1.000 G	200NA	80	44	.001
2N1478	PG 211	5	ETC	30	20R	20.0	.500	.250	A	100	J	3.000 B	25μA	30	60	.100
2N1479	NS 211	5	AMF,RCA,TEC,HUG,KSC,STI	60	40	12.0	1.500	5.000	C	200	J	1.500 B	10μA	30	36	.200
2N1480	NS 211	5	AMF,RCA,TEC,HUG,STC,STI	100	55	12.0	1.500	5.000	C	200	J	1.500 B	10μA	30	36	.200
2N1481	NS 211	5	AMF,RCA,TEC,HUG,STC,STI	60	40	12.0	1.500	5.000	C	200	J	1.500 B	10μA	30	70	.200
2N1482	NS 211	5	AMF,RCA,TEC,HUG,STC,STI	100	55	12.0	1.500	5.000	C	200	J	1.500 B	10μA	30	70	.200
2N1483	NS 171	8	AMF,RCA,ETC,STC,SEN,STI	60	40	12.0	3.000	15.000	C	200	J	1.250 B	15μA	30	75	.750
2N1484	NS 171	8	AMF,ETC,STC,SEN,RCA,STI	100	55	12.0	3.000	15.000	C	200	J	1.250 B	15μA	30	75	.750
2N1485	NS 171	8	AMF,RCA,ETC,STC,SEN,STI	60	40	12.0	3.000	15.000	C	200	J	1.250 B	15μA	30	100	.750
2N1486	NS 171	8	AMF,RCA,ETC,STC,SEN,STI	100	55	12.0	3.000	15.000	C	200	J	1.250 B	15μA	30	100	.750
2N1487	NS 605	3	AMF,SOL,RCA,ETC,HUG,STC	60	40	10.0	6.000	60.000	C	200	J	1.000 B	25μA	30	30	.200
2N1488	NS 605	3	AMF,SOL,ETC,RCA,HUG,STC	100	55	10.0	6.000	60.000	C	200	J	1.000 B	25μA	30	30	.200
2N1489	NS 605	3	AMF,SOL,RCA,ETC,HUG,STC	60	40	10.0	6.000	60.000	C	200	J	1.000 B	25μA	30	40	1.500
2N1490	NS 605	3	AMF,SOL,RCA,ETC,HUG,STC	100	55	10.0	6.000	60.000	C	200	J	1.000 B	25μA	30	40	1.500
2N1491	NS 217	12	RCA	30		1.0	.005	.500	A	175	C	250.000 B	10μA	12	60	
2N1492	NS 217	12	RCA	60		2.0	.005	.500	A	175	C	275.000 B	10μA	12	60	
2N1493	NS 217	12	RCA	100		4.5	.005	.500	A	175	C	300.000 B	10μA	12		
2N1494	PG 171	31	MOT	20	15	4.0	.500	.500	C	100	J	110.000 G	7μA	5	35	.400
2N1494A	PG 171	31	MOT,PHL	20	15	4.0	.500	.400	C	100	J	110.000 G	7μA	5	50	.200

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N1495	PG 211	5	MOT,PHL	40	25	4.0	.500	.300	C	100	J	150.000	G	7μA	5	50	.200
2N1495A	PG 171	9	MOT	40	25	4.0	.500	.250	A	100	S	150.000	G			25	.200
2N1496	PG 171	31	MOT,PHL	40	25	4.0	.500	.500	C	100	J	150.000	G	7μA	5	50	.200
2N1499	PG 170	9	ETC,HUG	20	15S	2.0	.050	.025	A	85	J			100μA	20	30	.040
2N1499A	PG 170	9	SPR,ETC,HUG	20	20S	2.0	.100	.060	A	100	J	100.000	G	3μA	5	50	.040
2N1499B	PG 170	9	SPR,ETC,HUG	30	20	2.0	.100	.075	A	100	S	150.000	G	3μA	15	40	.010
2N1500	PG 170	9	SPR,ETC,HUG	15	12S	2.0	.050	.060	A	100	J	120.000	G	25μA	15	50	
2N1501	PG 427 A		GPD,HUG,KSC,MHR	60	40	28.0	3.500	32.000	C	100	J	.200	G	2MA	60	60	2.000
2N1502	PG 427 A		MHR,HUG,KSC,GPD	60	40	28.0	3.500	32.000	C	100	J	.200	G	2MA	40	60	2.000
2N1504	PG 100 B		KSC,CBS	80	60S		3.000	20.000	C	100	J	.008	E			30	.500
2N1505			SEE RF POWER SECTION														
2N1506			SEE RF POWER SECTION														
2N1506A			SEE RF POWER SECTION														
2N1507	NS 211	5	TRW,TII,RAY,ETC,HUG,TIL	60	25	5.0	1.000	.600	A	200	S	50.000	G	1μA	30	300	.150
2N1508	NS 211	39	TII	100	55	5.0	1.000	5.000	C	175	J	50.000	G	5μA	50	40	.600
2N1509	NS 211	39	TII	60	35	5.0	1.000	5.000	C	175	J	50.000	G	5μA	50	40	.600
2N1510	NG 12 A		GEC	75	70R	8.0	.020	.075	A	85	J			5μA	75	50	
2N1511	NS 405	36	HUG,STI,RCA	60	40	10.0	6.000	75.000	C	200	J	1.000	B	25μA	30	30	
2N1512	NS 405	36	HUG,STI,RCA	100	55	10.0	6.000	75.000	C	200	J	1.000	B	25μA	30	30	
2N1513	NS 405	36	HUG,STI,RCA	60	40	10.0	6.000	75.000	C	200	J	1.000	B	25μA	30	50	
2N1514	NS 405	36	HUG,STI,RCA	100	55	10.0	6.000	75.000	C	200	J	1.000	B	25μA	30	50	
2N1516	PG 76	7	AMP,MOT	25		.5	.010	.083	A	75	S			13μA	6	20	.001
2N1518	PG 405	36	DEL,ETC,GPD	50	40	30.0	25.000	87.500	C	110	J	.004	E	4MA	50	38	15.000
2N1519	PG 405	36	DEL,ETC,GPD	80	60	30.0	25.000	70.000	C	110	J	.004	E	4MA	80	38	15.000
2N1520	PG 405	36	DEL,ETC,GPD	50	40	30.0	35.000	70.000	C	110	J	.004	E	4MA	50	43	35.000
2N1521	PG 405	36	DEL,ETC,GPD	80	60	30.0	35.000	70.000	C	100	J	.004	E	4MA	80	43	35.000
2N1522	PG 405	36	DEL,ETC,GPD	50	40	30.0	50.000	70.000	C	100	J	.004	E	4MA	50	83	15.000
2N1523	PG 405	36	DEL,ETC,GPD	80	60	30.0	50.000	70.000	C	100	J	.004	E	4MA	80	83	15.000
2N1524	PG 120	1	RCA	24		.5	.010	.080	A	85	S	33.000	B	16μA	12	60	
2N1525	PG 55	40	RCA	24		.5	.010	.080	A	85	S	33.000	B	16μA	12	60	
2N1526	PG 120	1	RCA	24		.5	.010	.080	A	85	S	33.000	B	16μA	12	130	
2N1527	PG 55	40	RCA	24		.5	.010	.080	A	85	S	33.000	B	16μA	12	130	
2N1528	NS 210	5	RAY	25	25S	2.0	.020	.150	A	200	J	20.000	B				
2N1529	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	40	20	20.0	5.000	62.500	C	100	J	.300	E	2MA	25	30	3.000
2N1529A	PG 605	3	MOT,GPD,HUG,KSC,STI	40	20	20.0	5.000	94.000	C	110	J	.005	G	2MA	25	30	3.000
2N1530	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	60	30	30.0	5.000	62.500	C	100	J	.010	E	2MA	40	30	3.000
2N1530A	PG 605	3	MOT,GPD,HUG,KSC,STI	60	30	30.0	5.000	94.000	C	110	J	.005	G	2MA	40	30	3.000
2N1531	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	80	40	40.0	5.000	62.500	C	100	J	.010	E	2MA	55	30	3.000
2N1531A	PG 605	3	MOT,GPD,HUG,KSC,STI	80	40	40.0	5.000	94.000	C	110	J	.005	G	2MA	55	30	3.000
2N1532	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	100	50	50.0	5.000	62.500	C	100	J	.010	E	2MA	65	30	3.000
2N1532A	PG 605	3	MOT,GPD,HUG,KSC,STI	100	50	50.0	5.000	94.000	C	110	J	.005	G	2MA	65	30	3.000
2N1533	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	120	60	60.0	5.000	62.500	C	100	J	.005	G	2MA	80	30	3.000
2N1534	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	40	20	20.0	5.000	62.500	C	100	J	.008	E	2MA	25	70	3.000
2N1534A	PG 605	3	MOT,GPD,HUG,KSC,STI	40	20	20.0	5.000	94.000	C	110	J	.005	G	2MA	25	52	3.000
2N1535	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	60	30	30.0	5.000	62.500	C	100	J	.008	E	2MA	40	70	3.000
2N1535A	PG 605	3	MOT,GPD,HUG,KSC,STI	60	30	30.0	5.000	94.000	C	110	J	.005	G	2MA	40	52	3.000
2N1536	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	80	40	40.0	5.000	62.500	C	100	J	.008	E	2MA	55	70	3.000
2N1536A	PG 605	3	MOT,GPD,HUG,KSC,STI	80	40	40.0	5.000	94.000	C	110	J	.005	G	2MA	55	52	3.000
2N1537	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	100	50	50.0	5.000	62.500	C	100	J	.008	E	2MA	65	70	3.000
2N1537A	PG 605	3	MOT,GPD,ETC,HUG,KSC,STI	100	50	50.0	5.000	94.000	C	110	J	.005	G	2MA	65	52	3.000
2N1538	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	120	60	60.0	5.000	62.500	C	100	J	.008	E	2MA	80	70	3.000
2N1539	PG 605	3	GPD,DEL,MOT,TII,ETC,HUG	40	20	20.0	5.000	62.500	C	100	J	.200	G	2MA	25	100	3.000
2N1539A	PG 605	3	MOT,STI,GPD,HUG,KSC	40	20	20.0	5.000	94.000	C	100	J	.003	G	2MA	25	74	3.000
2N1540	PG 605	3	GPD,DEL,MOT,TII,ETC,HUG	60	30	30.0	5.000	62.500	C	100	J	.200	G	2MA	40	100	3.000
2N1540A	PG 605	3	MOT,STI,GPD,HUG,KSC	60	30	30.0	5.000	94.000	C	100	J	.003	G	2MA	40	74	3.000
2N1541	PG 605	3	GPD,DEL,MOT,TII,ETC,HUG	80	40	40.0	5.000	62.500	C	100	J	.200	G	2MA	55	100	3.000
2N1541A	PG 605	3	MOT,STI,GPD,HUG,KSC	80	40	40.0	5.000	94.000	C	100	J	.003	G	2MA	55	74	3.000
2N1542	PG 605	3	GPD,DEL,MOT,TII,ETC,HUG	100	50	50.0	5.000	62.500	C	100	J	.200	G	2MA	65	100	3.000
2N1542A	PG 605	3	MOT,STI,GPD,HUG,KSC	100	50	50.0	5.000	94.000	C	100	J	.003	G	2MA	65	74	3.000
2N1543	PG 605	3	GPD,DEL,MOT,TII,ETC,HUG	120	60	60.0	5.000	62.500	C	100	J	.200	G	2MA	80	100	3.000
2N1543A	PG 605	3	GPD	120	60	60.0	5.000	106.000	C	110	J	.004	G	200μA	2	75	3.000
2N1544	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	40	20	20.0	5.000	90.000	C	100	J	.002	E	2MA	25	110	3.000
2N1544A	PG 605	3	MOT,STI,GPD,HUG,KSC	40	20	20.0	5.000	90.000	C	100	J	.003	G	2MA	25	100	3.000
2N1545	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	60	30	30.0	5.000	90.000	C	100	J	.002	E	2MA	40	110	3.000
2N1545A	PG 605	3	MOT,STI,GPD,HUG,KSC	60	30	30.0	5.000	90.000	C	100	J	.003	G	2MA	40	100	3.000
2N1546	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	80	40	40.0	5.000	90.000	C	100	J	.002	E	2MA	55	110	3.000
2N1546A	PG 605	3	MOT,GPD,HUG,KSC	80	40	40.0	5.000	90.000	C	100	J	.004	E	2MA	55	100	3.000
2N1547	PG 605	3	GPD,DEL,MOT,ETC,TII,HUG	100	50	50.0	5.000	90.000	C	100	J	.002	E	2MA	65	110	3.000
2N1547A	PG 605	3	MOT,GPD,HUG,KSC	100	50	50.0	5.000	90.000	C	100	J	.004	E	2MA	65	100	3.000
2N1548	PG 605	3	GPD,MOT,ETC,TII,HUG,KSC	120	60	60.0	5.000	90.000	C	100	J	.002	E	2MA	80	110	3.000
2N1549	PG 605	3	GPD,MOT,ETC,HUG,KSC	40	20	20.0	15.000	94.000	C	100	J	.010	E	3MA	25	20	10.000
2N1549A	PG 605	3	MOT,GPD,HUG,KSC	40	20	20.0	15.000	94.000	C	100	J	.010	E	3MA	25	20	10.000
2N1550	PG 605	3	GPD,MOT,ETC,HUG,KSC	60	30	30.0	15.000	94.000	C	100	J	.010	E	3MA	45	20	10.000
2N1550A	PG 605	3	MOT,GPD,HUG,KSC	60	30	30.0	15.000	94.000	C	100	J	.010	E	3MA	40	20	10.000
2N1551	PG 605	3	GPD,MOT,ETC,HUG,KSC	80	40	40.0	15.000	94.000	C	100	J	.010	E	3MA	55	20	10.000
2N1551A	PG 605	3	MOT,GPD,HUG,KSC	80	40	40.0	15.000	94.000	C	100	J	.010	E	3MA	55	20	10.000
2N1552	PG 605	3	GPD,MOT,ETC,HUG,KSC	100	50	50.0	15.000	94.000	C	100	J	.010	E	3MA	65	20	10.000
2N1552A	PG 605	3	MOT,GPD,HUG,KSC	100	50	50.0	15.000	94.000	C	100	J	.010	E	3MA	65	20	10.000
2N1553	PG 605	3	GPD,MOT,ETC,HUG,KSC	40	20	20.0	15.000	90.000	C	100	J	.006	E	3MA	25	45	10.000
2N1553A	PG 605	3	MOT,GPD,HUG,KSC	40	20	20.0	15.000	94.000	C	100	J	.006	E	3MA	25	45	10.000
2N1554	PG 605	3	GPD,MOT,ETC,HUG,KSC	60	30	30.0	15.000	90.000	C	100	J	.010	E	3MA	40	45	10.000
2N1554A	PG 605	3	MOT,GPD,HUG,KSC	60	30	30.0	15.000	94.000	C	100	J	.006	E	3MA	40	45	10.000
2N1555	PG 605	3	GPD,MOT,ETC,HUG,KSC	80	40	40.0	15.000	90.000	C	100	J	.006	E	3MA	55	45	10.000
2N1555A	PG 605	3	MOT,GPD,HUG,KSC	80	40	40.0	15.000	94.000	C	100	J	.006	E	3MA	55	45	10.000
2N1556	PG 605	3	GPD,MOT,ETC,HUG,KSC	100	50	50.0	15.000	90.000	C	100	J	.010	E	3MA	65	45	10.000
2N1556A	PG 605	3	MOT,GPD,HUG,KSC	100	50	50.0	15.000	94.000	C	100	J	.006	E	3MA	65	45	10.000
2N1557	PG 605	3	GPD,MOT,ETC,HUG,KSC	40	20	20.0	15.000	90.000	C	100	J	.005	E	3MA	25	75	10.000
2N1557A	PG 605	3	MOT,GPD,HUG,KSC	40	20	20.0	15.000	90.000	C	100	J	.005	E	3MA	25	75	10.000
2N1558	PG 605	3	GPD,MOT,ETC,HUG,KSC	60	30	20.0	15.000	90.000	C	100	J	.005	E	3MA	40	75	10.000
2N1558A	PG 605	3	MOT,GPD,HUG,KSC	60	30	30.0	15.000	90.000	C	100	J	.005	E	3MA	40	75	10.000
2N1559	PG 605	3	GPD,MOT,ETC,HUG,KSC	80	40	40.0	15.000	90.000	C	100	J	.005	E	3MA	55	75	10.000
2N1559A	PG 605	3	MOT,GPD,HUG,KSC	80	40	40.0	15.000	90.000	C	100	J	.005	E	3MA	55	75	10.000
2N1560	PG 605	3	GPD,MOT,ETC,HUG,KSC	100	50	50.0	15.000	90.000	C	100	J	.005	E	3MA	65	75	10.000
2N1560A	PG 605	3	MOT,GPD,HUG,KSC	100	50	50.0	15.000	90.000	C	100	J	.005	E	3MA	65	75	10.000
2N1561	PG 171 D		MOT	25	25	3.0	.250	3.000	A	100	J	500.000	G	10μA	10	3	.050
2N1562	PG 171 D		MOT	25	25	2.0	.250	3.000	A	100	J	450.000	G	10μA	10	3	.050
2N1564	NS 211	5	AMC,CSF,TRW,ETC,NSC,TEC	80	60	5.0	.500	.600	A	175	J	30.000	G	1μA	40	36	.005
2N1565	NS 211	5	AMC,CSF,TRW,ETC,NSC,TEC	80	60	5.0	.500	.600	A	175	J	30.000	G	1μA	40	55	.005
2N1566	NS 211	5	AMC,TRW,ETC,NSC,TEC,TII	80	60	5.0	.500	.600	A	175	J	60.000	G	1μA	40	120	.005
2N1566A	NS 211	5	ETC,TII	80	60	8.0	.100	.600	A	175	J	100.000	G	500NA	40	12	
2N1572	NS 211	5	TII,CSF,ETC,TEC,AML	125	80	5.0		.600	A	175	J	30.000	G	1μA	40	28	.005
2N1573	NS 211	5	AML,CSF,ETC,TEC,TII	125	80	5.0		.600	A	175	J	60.000	G	1μA	40	55	.005
2N1574	NS 211	5	TII,CSF,ETC,TEC,AML	125	80	5.0		.600	A	175	J	60.000	G	1μA	40	140	.005
2N1585	NG 211	5	TII	30	10	2.0	.100	.750	C	100	S	250.000	F	10μA	15	20	.010
2N1586	NS 10 B		ETC,TII,TEC,HUG	15		1.0	.025	.125	A	100	J	4.000	B	1μA	15	16	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N1587	NS 10 B		ETC,TII,TEC,HUG	30		1.0	.025	.125	A	100	J	4.000	B	1μA	30	16	.001
2N1588	NS 10 B		ETC,TII,TEC,HUG	60		1.0	.025	.125	A	100	J	4.000	B	1μA	60	16	.001
2N1589	NS 10 B		ETC,TII,TEC,HUG	15		1.0	.025	.125	A	100	J	5.000	B	1μA	15	39	.001
2N1590	NS 10 B		ETC,TII,TEC,HUG	30		1.0	.025	.125	A	100	J	5.000	B	1μA	30	39	.001
2N1591	NS 10 B		ETC,TII,TEC,HUG	60		1.0	.025	.125	A	100	J	5.000	B	1μA	60	39	.001
2N1592	NS 10 B		ETC,TII,TEC,HUG	15		1.0	.025	.125	A	100	J	6.000	B	1μA	15	129	.001
2N1593	NS 10 B		ETC,TII,TEC,HUG	30		1.0	.025	.125	A	100	J	6.000	B	1μA	30	129	.001
2N1594	NS 10 B		ETC,TII,TEC,HUG	60		1.0	.025	.125	A	100	J	6.000	B	1μA	60	129	.001
2N1605	NG 212	5	RCA,TAD,ETC,TII,SYL	25	24	12.0	.100	.150	A	100	J	4.000	B	5μA	12	40	.020
2N1605A	NG 212	5	RCA,TAD,ETC,STI,SYL	40	12	12.0	.200	.200	A	100	J	4.000	B	10μA	40	40	.020
2N1606	PS 210	5	PHL	10	10S	10.0	.050	.100	A	165	S	7.200	G			6	.015
2N1607	PS 210	5	PHL	10	10S	10.0	.050	.100	A	165	S	10.000	G			6	.015
2N1608	PS 210	5	PHL	10	10S	10.0	.050	.100	A	165	S	25.000	G			6	.015
2N1609	PG 631	37	DEL	80	60	40.0	1.500	4.500	C	100	J	.017	E	100μA	80	50	
2N1610	PG 631	37	DEL	80	60	40.0	1.500	4.500	C	100	J	.015	E	100μA	80	90	
2N1611	PG 631	37	DEL	60	40	20.0	1.500	4.500	C	100	J	.017	E	100μA	60	50	
2N1612	PG 631	37	DEL	60	40	20.0	1.500	4.500	C	100	J	.015	E	100μA	60	90	
2N1613	NS 211	5	AML,RCA,RAY,TII,MOT,TRW	75	50R	7.0	.500	.800	A	200	J	60.000	G	10NA	60	80	.150
2N1613A	NS 211	5	RAY,FSC	75	50R	7.0		1.000	A	200	J	60.000	G	10NA	60	70	.150
2N1613B	NS 211	5	RAY,FSC	125	50R	7.0		1.000	A	200	S	60.000	G	10NA	60	70	.150
2N1614	PG 210	5	ETC,RCA	65	40R	12.0	.300	.240	A	85	J	1.500	B	25μA	65	30	
2N1614+	PG 57 B		GEC	65	40R	12.0	.300	.240	A	100	J	.500	B	25μA	25	43	.020
2N1615	NS 211	5	ETC,TEC,HUG,STI	100	100	8.0	.200	.600	A	175	J	2.000	G	2μA	60	38	.005
2N1616	NS 561	61	AMF,TEC,PPC,SES,ETC,HUG	60	60	8.0	5.000	60.000	C	150	J	3.000	G	10MA	60	40	2.000
2N1616A	NS 561	61	SEN,HUG,STC,PPC,STI	60	60	10.0	7.500	85.000	C	200	J	3.000	G	1MA	80	40	2.000
2N1617	NS 561	61	AMF,TEC,PPC,SES,ETC,HUG	80	70	8.0	5.000	60.000	C	150	J	3.000	G	10MA	80	40	2.000
2N1617A	NS 561	61	PPC,TEC,HUG,STC,SEN,STI	80	100		7.500	85.000	C	200	J	3.000	G	200μA	80	40	2.000
2N1618	NS 561	61	AMF,PPC,TEC,SES,ETC,HUG	100	100	8.0	5.000	60.000	C	175	C	3.000	G	10MA	100	36	2.000
2N1618A	NS 561	61	PPC,TEC,HUG,STC,SEN,STI	100	100		7.500	85.000	C	200	J	3.000	G	200μA	100	40	2.000
2N1620	NS 731	53	TEC,STI,ETC,HUG,STC	100	80	8.0	5.000	60.000	C	175	J	3.000	G	1MA	100	30	2.000
2N1622	NG 210	5	GIC,ETC	90		20.0		.120	A	100	S	1.000	B			40	
2N1623	PS 210	5	HUG,ETC,NSC,SOL,CRY,STI	50	20	20.0	.050	.250	A	160	J	.200	G	1μA	30	24	.001
2N1624	NG 210	5	ETC,GIC	25		15.0		.150	A	100	J	5.000	B	10μA	25	120	
2N1631			SEE RF POWER SECTION														
2N1632			SEE RF POWER SECTION														
2N1633			SEE RF POWER SECTION														
2N1634			SEE RF POWER SECTION														
2N1635			SEE RF POWER SECTION														
2N1636			SEE RF POWER SECTION														
2N1637			SEE RF POWER SECTION														
2N1638			SEE RF POWER SECTION														
2N1639			SEE RF POWER SECTION														
2N1640	PS 229	5	CRY	30	20	30.0	.050	.250	A	160	J	.400	B	10NA	30	9	.001
2N1641	PS 229	5	CRY	30	10	30.0	.050	.250	A	160	J	.800	B	10NA	30	15	.001
2N1642	PS 229	5	CRY	30	6	30.0	.050	.250	A	160	J	1.200	B	100NA	30	22	.001
2N1643	PS 210	5	HUG,CRY	25	25	20.0	.050	.250	A	160	J	.700	B	1NA		16	.001
2N1644	NS 211	5	HUG,FSC	60	40R			2.000	C	175	J	50.000	G			70	.150
2N1645			SEE RF POWER SECTION														
2N1646	PG 171 S		SYL,TII	15	12	2.0	.050	.150	A	100	J	HS SW		3μA	5	40	
2N1647	NS 510 A		TEC,ETC,HUG,STC	80	60	6.0		40.000	C	175	J	10.000	B	100μA	60	30	.500
2N1648	NS 510 A		TEC,ETC,HUG,STC	120	80	6.0		40.000	C	175	J	10.000	B	100μA	60	30	.500
2N1649	NS 510 A		TEC,ETC,HUG,STC	80	60	6.0		40.000	C	175	J	10.000	B	100μA	60	52	.500
2N1650	NS 510 A		TEC,ETC,HUG,STC	120	80	6.0		40.000	C	175	J	10.000	B	100μA	60	52	.500
2N1651	PG 607	41	BEN,ETC,MOT,HUG,GPD	60	30	1.5	25.000	100.000	C	110	J	.010	E	300μA	2	88	10.000
2N1652	PG 607	41	BEN,ETC,MOT,GPD	100	60	1.5	25.000	100.000	C	110	J	.010	E	300μA	2	88	10.000
2N1653	PG 607	41	BEN,ETC,MOT,GPD	120	80	1.5	25.000	100.000	C	110	J	.010	E	300μA	2	88	10.000
2N1654	PS 210	5	SOL,HUG,CRY,RAY	100	80	100.0	.050	.250	A	160	S	.100	B	1μA	80	31	.001
2N1655	PS 210	5	SOL,HUG,CRY,RAY	125	100	125.0	.050	.250	A	160	S	.100	B	1μA	100	15	.001
2N1656	PS 210	5	SOL,HUG,CRY,RAY	125	100	125.0	.050	.250	A	160	S	.100	B	1μA	100	31	.001
2N1658	PG 490 A		MHR	80	50	40.0	3.000	15.000	C	100	J	.500	G	500μA	80	60	
2N1658/13	PG 430	13	KSC	80	50S		1.000	15.000	C	100	J	.010	E			60	.200
2N1659	PG 490 A		MHR	60	40	40.0	3.000	15.000	C	100	J	.500	G	500μA	40	60	
2N1659/13	PG 430	13	KSC	60	40S		1.000	15.000	C	100	J	.010	E			60	.200
2N1660	NS 731 A		RAY	60	60R	10.0	2.000	85.000	A	200	J	25.000	G			90	
2N1661	NS 731 A		RAY	80	80R	10.0	2.000	85.000	A	200	J	25.000	G			90	
2N1662	NS 731 A		RAY	100	100R	10.0	2.000	85.000	A	200	J	25.000	G			90	
2N1663	NS 170	9	PHL	20		3.0	.100	.150	A	165	S	150.000	G			50	
2N1664	PG 210	5	MOT	45	40	30.0	.200			100	J	5.000	B			83	
2N1665	PG 210	5	MOT	15	12	.4	.050	.150	A	85	S	400.000	F	10μA	6	53	.010
2N1667	PG 605	3	AMP	60	48	20.0	8.000	43.000	A	90	J	.125	B	100μA	14	90	
2N1668	PG 605	3	AMP	60	48	20.0	8.000	43.000	A	90	J	.125	B	100μA	14	50	
2N1669	PG 605	3	AMP	80	60	40.0	8.000	43.000	A	90	J	.125	B	100μA	14	66	
2N1670	PG 170	9	GIC	100		1.5		.120	A	100	S	10.000	B				
2N1672	NG 210	5	ETC,GIC	40	25	10.0		.120	A	85	J	2.000	B	25μA	40	30	.001
2N1672A	NG 210	5	ETC,GIC	40	25	10.0		.120	A	85	J	2.000	B	25μA	40	30	.001
2N1673	PG 217	33	SYL	35		.5	.010	.080	A	85	J	20.000	G	50μA	40	100	
2N1674	NS 210	5	TEC,HUG	45	45	2.0	.025	.200	A	200	S	20.000	G	500NA	45	75	
2N1675	NS 412	32	WEC	100	100S	5.0	10.000	100.000	C	150	S	120.000	G	10MA	100	63	1.000
2N1676	PS 210	5	SPR,HUG	4	4	4.5	.050	.120	A	140	J	16.000	G	100NA	4	50	
2N1677	PS 210	5	SPR,HUG	4	4	4.5	.050	.120	A	140	J	16.000	G	100NA	4	50	
2N1678	PG 170	9	GIC	60	60S	4.0		.120	A	85	J	25.000	B	5μA	10	40	
2N1679	NS 211	39	TII	100	55	5.0	1.000	5.000	C	175	J	50.000	G	5μA	50	80	.600
2N1680	NS 211	39	TII	60	35	5.0	1.000	5.000	C	175	J	50.000	G	5μA	50	80	.600
2N1681	PG 210	5	ETC,TSE	30	15	20.0	.200	.180	C	100	S	5.000	B	3μA	2	75	.010
2N1682	NS 210	5	FSC	25	12	3.0		.500	A	175	J	200.000	G	500NA	15	20	.010
2N1683	PG 210	5	RCA	13	12R	4.0	.100	.150	A	85	J	50.000	G	3μA	6	76	
2N1684	PG 212	47	SYL	25		12.0	.200	.100	A	100	J	4.000	B	5μA	12		
2N1685	NG 212	47	SYL	25		15.0	.200	.100	A	100	J	8.000	B	10μA	15	100	
2N1690	NS 461	57	STC,SEN,HUG,STI,TII	80	80			40.000	C	200	J	.900	G	250μA	80	35	.500
2N1691	NS 461	57	STC,SEN,HUG,STI,TII	120	120			40.000	C	200	J	.900	G	250μA	120	35	.500
2N1692	PG 546	102	MOT	25	25	3.0	.250	3.000	C	100	J	500.000	G	10μA	10	3	.050
2N1693	PG 546	102	MOT	25	25	2.0	.250	.350	A	100	J	450.000	G	10μA	10	3	.050
2N1694	NG 12 A		GEC	20	20	10.0	.075	.075	A	85	J	3.000	B	1μA	15	25	
2N1699	PG 217 F		SYL	40	20R	15.0	.100	.100	A	100	J	8.000	B	10μA	25	90	
2N1700	NS 211	5	RCA,ETC,TEC,STC,SEN,STI	60	40	6.0	1.000	5.000	C	200	J	1.200	B	75μA	30	50	.100
2N1701	NS 171	8	AMF,RCA,ETC,STC,HUG,STI	60	40	6.0	2.500	25.000	C	200	J	1.000	B	100μA	30	50	.300
2N1702	NS 605	3	RCA,SOL,ETC,STC,HUG,STI	60	40	6.0	5.000	75.000	C	200	J	1.000	B	200μA	30	40	.800
2N1703	NS 405	36	HUG,STI,RCA	60	40	6.0	5.000	75.000	C	200	J	.300	B	200μA	30	40	.800
2N1704	NS 211	5	ETC,GEC	45	45	5.0		.500	A	100	J	12.500	G	10μA	10	100	.001
2N1705	PG 212	5	MOT,ETC,TSE	18	12R	5.0	.400	.200	A	100	S	4.000	B	10μA	10	110	
2N1706	PG 212	5	MOT,ETC,TSE	25	18R	5.0	.400	.200	A	100	S	3.000	B	10μA	10	90	.020
2N1707	PG 212	5	MOT,ETC,TSE	30	25R	10.0	.400	.200	A	100	S	3.000	B	15μA	25	90	.010
2N1708	NS 211	46	ITT,MOT,HUG,FSC,RCA	25	12	3.0	2.000	.300	A	200	S	200.000	G	25NA	15	40	.010
2N1708A	NS 211	46	GEC,MOT	40	15	5.0	.500	1.000	C	200	S	300.000	G	25NA	20	75	.010
2N1709			SEE RF POWER SECTION														

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N1710			SEE RF POWER SECTION														
2N1711	NS 211	5	TFK,RCA,RAY,TII,MOT,TRW	75	50R	7.0	.500	.800	A	200	J	70.000	G	10NA	60	200	.150
2N1711A	NS 211	5	RAY,HUG,STI,FSC	75	50R	7.0		1.000	A	200	J	70.000	G	10NA	60	175	.150
2N1711B	NS 211	5	RAY,FSC	120	50	7.0		1.000	A	200	S	70.000	G	10NA	60	175	.150
2N1713			SEE RF POWER SECTION														
2N1714	NS 211	5	TII,UNI,TIL,TEC,HUG,SOL	90	60	6.0	.750	.800	A	175	J	16.000	G	2μA	60	40	.200
2N1715	NS 211	5	TII,UNI,TEC,HUG,TIL,STI	150	100	6.0	.750	.800	A	175	J	16.000	G	2μA	60	40	.200
2N1716	NS 211	5	TII,UNI,TIL,TEC,HUG,SOL	90	60	6.0	.750	.800	A	175	J	16.000	G	2μA	60	80	.200
2N1717	NS 211	5	TII,UNI,TEC,HUG,TIL,STI	150	100	6.0	.750	.800	A	175	J	16.000	G	2μA	60	80	.200
2N1718	NS 541 D		TII,UNI,TIL,TEC,HUG,SOL	90	60	6.0	.750	2.000	A	175	J	16.000	G	2μA	60	40	.200
2N1719	NS 541 D		TII,UNI,TEC,HUG,TIL,STI	150	100	6.0	.750	2.000	A	175	J	16.000	G	2μA	60	40	.200
2N1720	NS 541 D		TII,UNI,TIL,TEC,HUG,SOL	90	60	6.0	.750	2.000	A	175	J	16.000	G	2μA	60	80	.200
2N1721	NS 541 D		TII,UNI,TEC,HUG,TIL,STI	150	100	6.0	.750	2.000	A	175	J	16.000	G	2μA	60	80	.200
2N1722	NS 731	53	TII,STC,ETC,TEC,HUG,SEN	120	80	10.0	5.000	3.000	A	175	J	10.000	G	1MA	60	56	2.000
2N1722A	NS 731	53	TII,STC,TEC,HUG,STI	180	120	10.0	5.000	3.000	A	175	J	10.000	G	100μA	3	60	2.000
2N1723	NS 731	53	TII,STI,STC,TEC,HUG	120	80	10.0	5.000	50.000	H	175	J	10.000	G	100μA	3	100	2.000
2N1724	NS 561	61	TII,WHE,STC,SES,ETC,FSC	120	80	10.0	5.000	3.000	A	175	J	10.000	G	1MA	60	56	2.000
2N1724A	NS 561	61	TII,TEC,STC,SES,HUG,STI	180	120	10.0	5.000	3.000	A	175	J	10.000	G	100μA	3	60	2.000
2N1725	NS 561	61	TEC,TII,SOL,STC,SES,MOT	120	80	10.0	5.000	50.000	H	175	J	10.000	G	100μA	3	100	2.000
2N1726	PG 170	9	SPR,ETC,HUG,PHL	20	20S	1.0	.050	.060	A	100	J	100.000	G	10μA	5	80	.001
2N1727	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.060	A	100	J	100.000	G	10μA	5	78	.001
2N1728	PG 170	9	SPR,ETC,PHL	20	20S	.5	.050	.060	A	100	J	100.000	G	10μA	5	63	.001
2N1729	PG 212	5	TII	25	15X	20.0	.300	.100	A	85	J	LSLP SW		6μA	25	30	.100
2N1730	NG 212	5	TII	25	15X	20.0	.300	.150	A	85	J	LSLP SW		6μA	25	30	.100
2N1731	PG 212	5	TII	30	30X	25.0	.300	.150	A	100	S	5.000	B	6μA	30	40	.010
2N1732	NG 212	5	TII	30	30X	25.0	.300	.150	A	100	S	5.000	B	6μA	30	40	.010
2N1742	PG 170	9	SPR,ETC,MOT,HUG,PHL	20	20S	.5	.050	.030	A	125	S	980.000	G	10μA	10	32	
2N1743	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.030	A	125	S	VHF CON		10μA	10	32	
2N1744	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.030	A	125	S	VHF CON		10μA	10	32	
2N1745	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.060	A	100	J	200.000	F	10μA	10	32	
2N1746	PG 170	9	SPR,ETC,HUG,PHL	20	20S	1.0	.050	.060	A	100	J	100.000	F	10μA	10	60	.001
2N1747	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.060	A	100	J	FM IF		10μA	10	60	.001
2N1748	PG 170	9	SPR,ETC,HUG,PHL	25	25S	1.0	.050	.060	A	100	J	80.000	G	10μA	12	68	.001
2N1748A	PG 170	9	SPR,ETC,HUG,PHL	25	25S	.5	.050	.060	A	100	J	100.000	G	10μA	12	88	.001
2N1749	PG 170	9	SPR,ETC,HUG,PHL	40	40S	1.0	.050	.075	A	100	J	80.000	G	10μA	12	68	.001
2N1750	PG 105	24	PHL	14		14.0	.005	.015	A	80	A	50.000	B				
2N1751	PG 605	3	GPD,MOT,BEN	80	60	2.5	25.000	100.000	C	110	J	1.500	B	5MA	80	60	20.000
2N1752	PG 170	9	SPR,ETC,HUG	20	12S	2.0	.050	.060	A	100	J	50.000	G	10μA	10	125	
2N1753	PG 120	1	PHL	30				.030	A			IF,RF					
2N1754	PG 170	9	SPR,ETC,HUG,PHL	13	13S	2.0	.100	.050	A	85	J	HS SW		5μA	5	40	.040
2N1755	PG 640 A		KSC,GPD,CLE	40	25	30.0	3.000	28.000	A	100	J	.015	E	10MA	38	48	.500
2N1756	PG 640 A		KSC,GPD,CLE	60	40	30.0	3.000	28.000	A	100	J	.015	E	10MA	55	48	.500
2N1757	PG 640 A		KSC,GPD,CLE	80	55	30.0	3.000	28.000	A	100	J	.015	E	10MA	70	48	.500
2N1758	PG 640 A		KSC,GPD,CLE	100	65	30.0	3.000	28.000	A	100	J	.015	E	10MA	80	48	.500
2N1759	PG 640 A		KSC,GPD,CLE	40	25	30.0	3.000	28.000	A	100	J	.015	E	10MA	38	98	.500
2N1760	PG 640 A		KSC,CLE,GPD	60	40	30.0	3.000	28.000	A	100	J	.015	E	10MA	55	98	.500
2N1761	PG 640 A		KSC,GPD,CLE	80	55	30.0	3.000	28.000	A	100	J	.015	E	10MA	70	98	.500
2N1762	PG 640 A		KSC,CLE,GPD	100	65	30.0	3.000	28.000	A	100	J	.015	E	10MA	80	98	.500
2N1768	NS 461	57	TEC,STC,SEN,RCA	60	40	12.0	3.000	40.000	C	200	J	1.250	B	15μA	15	68	
2N1769	NS 461	57	TEC,STC,SEN,RCA	100	55	12.0	3.000	40.000	C	200	J	1.250	B	15μA	15	68	
2N1779	NG 210	47	SYL	25	20R	15.0	.100	.100	A	100	J	MS SW		10μA	25	40	
2N1780	NG 210	47	SYL	25	20R	15.0	.100	.100	A	100	J	4.000	B	10μA	25	70	
2N1781	NG 210	47	SYL	25		12.0	.100	.100	A	100	J	4.000	B	5μA	12	80	
2N1782	PG 210	47	SYL	30	20	20.0	.100	.100	A	100	J	5.000	B	6μA	20	90	
2N1783	PG 210	47	SYL	30	15	20.0	.100	.100	A	100	J	5.000	B	5μA	12	60	
2N1784	PG 210	47	SYL	30	20	12.0	.200	.100	A	100	J	10.000	B	25μA	30	100	
2N1785	PG 170	9	SPR,HUG,PHL	10	10S	1.0	.050	.045	A	100	J	50.000	F	10μA	5	60	.001
2N1786	PG 170	9	SPR,HUG,PHL	10	10S	.5	.050	.045	A	100	J	50.000	F	10μA	5	22	.001
2N1787	PG 170	9	SPR,HUG,PHL	15	15S	.5	.050	.045	A	100	J	50.000	F	10μA	5	38	.001
2N1788	PG 170	9	SPR,HUG,PHL	35	35S	1.0	.050	.050	A	100	J	100.000	F	5μA	12	75	.001
2N1789	PG 170	9	SPR,HUG,PHL	35	35S	.5	.050	.060	A	100	J	100.000	F	7μA	12	30	.001
2N1790	PG 170	9	SPR,HUG,PHL	35	35S	.5	.050	.060	A	100	J	100.000	F	7μA	12	60	.001
2N1808	PG 212	5	TII	25	25	20.0	.300	.150	A	100	J	4.000	B	5μA	15	120	
2N1809	NS 508	49	WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	14	10.000
2N1810	NS 508	49	WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	14	10.000
2N1811	NS 508	49	WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	120	14	10.000
2N1812	NS 508	49	WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	14	10.000
2N1813	NS 508	49	WHE,SPC,SEN	250	250	15.0	30.000	250.000	C	175	J	.500	G	30MA	250	14	10.000
2N1814	NS 508	49	WHE,SPC,SEN	300	300	15.0	30.000	250.000	C	175	J	.500	G	30MA	300	14	10.000
2N1816	NS 508	49	WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175		.500	G	30MA	50	14	15.000
2N1817	NS 508	49	WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	14	15.000
2N1818	NS 508	49	WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	150	14	15.000
2N1819	NS 508	49	WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	14	15.000
2N1820	NS 508	49	WHE,SPC	250	250X	15.0	15.000	250.000	H	175	J	.500	G	30MA	250	10	15.000
2N1821	NS 508	49	WHE	300	300X	15.0	15.000	250.000	H	175	J			30MA	300	10	15.000
2N1823	NS 508	49	WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	13	20.000
2N1824	NS 508	49	WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	13	20.000
2N1825	NS 508	49	WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	150	13	20.000
2N1826	NS 508	49	WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	13	20.000
2N1827	NS 508	49	WHE	250	250X	15.0	20.000	250.000	H	175	J			30MA	250	10	20.000
2N1828	NS 508	49	WHE	300	300X	15.0	20.000	250.000	H	175	J			30MA	300	10	20.000
2N1830	NS 508	49	WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	14	25.000
2N1831	NS 508	49	WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	14	25.000
2N1832	NS 508	49	WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	150	14	25.000
2N1833	NS 508	49	WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	14	25.000
2N1834	NS 508	49	WHE	250	250X	15.0	25.000	250.000	H	175	J			30MA	250	10	25.000
2N1835	NS 508	49	WHE	300	300X	15.0	25.000	250.000	H	175	J			30MA	300	10	25.000
2N1837	NS 211	5	TRW,ETC,HUG,STI	80	30	8.0	.500	.600	A	175	J	140.000	G	500NA	30	80	.150
2N1837A	NS 211	5	TRW,HUG,STI	80	30	8.0	.500	.800	A	175	J	140.000	G	500NA	30	80	.150
2N1837B	NS 211	5	GEC	80	30	8.0	.500	.800	A	200	J	140.000	G	10NA	60	80	.150
2N1838	NS 211	5	TRW,ETC,HUG,STI	45	20	5.0	.500	.600	A	175	J	90.000	G	2μA	30	95	.100
2N1839	NS 211	5	TRW,HUG,STI	45	20	4.5	.500	.600	A	175	J	90.000	G	2μA	30	31	.100
2N1840	NS 211	5	TRW,HUG,STI	25	15	5.0	.500	.600	A	175	J	90.000	G	300μA	10	55	.150
2N1853	PG 210	5	RCA	18	6	2.0	.100	.150	A	85	S	HS SW		4μA	15	160	
2N1854	PG 210	5	RCA	18	6	2.0	.100	.150	A	85	S	40.000	G	4μA	15	180	
2N1864	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.060	A	100	J	50.000	F	10μA	5	20	
2N1865	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.060	A	100	J	180.000	G	10μA	10	60	
2N1866	PG 170	9	SPR,ETC,HUG,PHL	35	35S	.5	.050	.060	A	100	J	180.000	G	10μA	10	60	
2N1867	PG 170	9	SPR,ETC,HUG,PHL	35	35S	.5	.050	.060	A	100	J	180.000	G	10μA	10	20	
2N1868	PG 170	9	SPR,ETC,HUG,PHL	20	20S	.5	.050	.060	A	100	J	400.000	G	10μA	10	32	
2N1886	NS 561	59	ETC,TEC,HUG,STC,STI	60	60	6.0	3.000	40.000	C	175	J	2.900	G	350μA	60	40	.500
2N1889	NS 211	5	AML,TII,TRW,SOL,SES,ETC	100	60	7.0		.800	A	200	S	50.000	G	10NA	75	80	.150
2N1890	NS 211	5	AML,TII,RAY,TII,TRW,SES	100	60	7.0		.800	A	200	S	60.000	G	10NA	75	160	.150
2N1891	NG 212	5	TII	25	15	25.0	.300	.150	A	100	S	5.000	B	5μA	20	25	.100
2N1892	PG 212	5	TII	30	15	25.0	.300	.150	A	100	S	5.000	B	6μA	25	120	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N1893	NS 211	5	AML,RAY,TII,TRW,RCA,SES	120	80	7.0	.500	.800	A	200	J	70.000	G	10NA	90	80	.150
2N1893A	NS 211	5	TRW,RAY	140	80	7.0	.500	.800	A	200	J	100.000	G	10NA	90	80	.150
2N1894	NS 561	61	RAY	60	60R	10.0	2.000	.085	A	200	J	10.000	B			36	1.000
2N1895	NS 561	61	RAY	80	80R	10.0	2.000	.085	A	200	J	10.000	B			36	1.000
2N1896	NS 561	61	RAY	60	60R	10.0	2.000	.085	A	200	J	25.000	G			90	1.000
2N1897	NS 561	61	RAY	80	80R	10.0	2.000	.085	A	200	J	25.000	G			90	1.000
2N1898	NS 561	61	RAY	100	100R	10.0	2.000	.085	A	200	J	25.000	G			90	1.000
2N1899	NS 414	81	TRW,HUG	140	50	5.0	10.000	125.000	C	200	S	50.000	G	30MA	139	20	.010
2N1900	NS 414	81	TRW,HUG	140	50	5.0	10.000	125.000	C	150	J	50.000	G	25MA	140	16	10.000
2N1901	NS 414	81	TRW,HUG	140	50	5.0	10.000	125.000	C	200	S	50.000	G	30MA	139	40	.010
2N1902	NS 560	61	TRW,HUG	140	50	5.0	10.000	125.000	C	200	S	50.000	G	30MA	139	20	.010
2N1903	NS 560	61	TRW,HUG	140	50	5.0	10.000	125.000	C	150	J	50.000	G	25MA	140	16	10.000
2N1904	NS 560	61	TRW,HUG	140	50	5.0	10.000	125.000	C	200	S	50.000	G	30MA	139	40	.010
2N1905	PG 605	3	RCA,GPD	100	50	1.5	6.000	30.000	H	100	J	2.000	G	10MA	100	100	1.000
2N1906	PG 605	3	RCA,GPD	130	60	1.5	6.000	30.000	H	100	J	3.000	G	10MA	130	163	1.000
2N1907	PG 605	3	TII,TIL	100	40	1.5	20.000	150.000	A	100	J	10.000	G	10MA	100	100	
2N1908	PG 605	3	TII,TIL	130	50	1.5	20.000	150.000	A	100	J	10.000	G	10MA	130	100	
2N1917	PS 210	5	SSD,SOL,HUG,CRY	25	8	25.0	.050	.250	A	175	J	16.000	G	2NA	4	50	
2N1918	PS 210	5	SSD,SOL,HUG,CRY	25	8	25.0	.050	.250	A	175	J	10.000	G	2NA	4	50	
2N1919	PS 210	5	SSD,SOL,HUG,CRY	40	18	40.0	.050	.250	A	150	A	1.000	B				
2N1920	PS 210	5	SSD,SOL,HUG,CRY	40	18	40.0	.050	.250	A	150	A	1.000	B				
2N1921	PS 210	5	SSD,NSC,SOL,HUG,CRY	50	50	50.0	.050	.250	A	150	A	1.000	B				
2N1922	PS 210	5	SSD,SOL,HUG,CRY	80	80	80.0	.050	.250	A	150	A	1.000	B				
2N1923	NS 210	11	TII	85	85	1.0	.060	.750	A	165	J	LP,AF				4	
2N1924	PG 212	5	CSF,GEC,TAD,ETC,MOT,SES	60	40R	25.0	.500	.225	A	85	J	1.000	B	10μA	45	50	
2N1925	PG 212	5	CSF,GEC,TAD,ETC,MOT,SES	60	40R	25.0	.500	.225	A	85	J	1.300	B	10μA	45	70	
2N1926	PG 212	5	CSF,GEC,TAD,ETC,MOT	60	40R	25.0	.500	.225	A	85	J	1.500	B	10μA	45	96	
2N1936	NS 561	63	TEC,SES,HUG,TII,STI	125	60	6.0	20.000	150.000	H	175	J	4.000	G	10MA	120	30	10.000
2N1937	NS 561	63	TEC,SES,HUG,TII,STI	125	80	6.0	20.000	150.000	H	175	J	4.000	G	10MA	120	30	10.000
2N1940	SEE RF POWER SECTION																
2N1941	NS 211	5	ITC	45	30R	5.0	1.000	.600	A	175	J	60.000	G	2μA	5	90	.010
2N1942	PG 210	5	ITC	20	10	20.0	.500	.200	A	85	J	5.000	B	1μA	5	40	.200
2N1943	NS 210	5	TII	60	60	8.0	.500	.800	A	200	J	MP,AF				15	1.000
2N1944	NS 211	5	ITC	20	20R	5.0	1.000	.600	A	175	J	60.000	G	1μA	10	300	.001
2N1945	NS 211	5	ITC	30	30R	8.0	1.000	.600	A	175	J	60.000	G	1μA	20	300	.001
2N1946	NS 211	5	ITC	40	40R	10.0	1.000	.600	A	175	J	60.000	G	1μA	30	300	.001
2N1947	NS 211	5	ITC	20	20R	5.0	1.000	.600	A	175	J	60.000	G	1μA	10	650	.100
2N1948	NS 211	5	ITC	30	30R	8.0	1.000	.600	A	175	J	60.000	G	1μA	20	650	.100
2N1949	NS 211	5	ITC	40	40R	10.0	1.000	.600	A	175	J	60.000	G	1μA	30	650	.100
2N1950	NS 211	5	ITC	20	20R	5.0	1.000	.600	A	175	J	60.000	G	1μA	10	375	.100
2N1951	NS 211	5	ITC	30	30R	8.0	1.000	.600	A	175	J	60.000	G	1μA	20	375	.100
2N1952	NS 211	5	ITC	40	40R	10.0	1.000	.600	A	175	J	60.000	G	1μA	30	375	.100
2N1953	NS 211	5	ITC	20	20S	3.0	1.000	.600	A	175	J	40.000	G	1μA	10	83	.010
2N1954	PG 210	5	ETC,RAY	60	20	20.0	.200	.200	A	100	S	LP SW		20μA	30	75	.020
2N1955	PG 210	5	ETC,RAY	60	18	20.0	.200	.200	A	100	S	LP SW		20μA	30	125	.020
2N1956	PG 210	5	ETC,RAY	60	16	20.0	.200	.200	A	100	S	LP SW		20μA	30	75	.020
2N1957	PG 210	5	ETC,RAY	60	14	20.0	.200	.200	A	100	S	LP SW		20μA	30	75	.020
2N1958	NS 211	5	TEC,HUG,STI,SYL	60	40R	5.0	.500	.600	A	175	J	100.000	G	5μA	30	40	.150
2N1958/18	NS 211	18	SYL	60	40	5.0	.500	.300	A	175	J	100.000	G	500NA	30	32	
2N1958A	NS 211	5	TEC,ETC,HUG,STI,SYL	60	40R	5.0	1.000	.600	A	175	J	100.000	G	200NA	30	40	.150
2N1958A/51	NS 909	51	SYL	60	40R	5.0	1.000	.300	A	175	J	100.000	G	200NA	30	40	
2N1959	NS 211	5	TEC,GIC,MOT,ETC,HUG,STI	60	40R	5.0	.500	.600	A	175	J	100.000	G	5μA	30	70	.150
2N1959/18	NS 211	18	SYL	60	40	5.0	.500	.300	A	175	J	100.000	G	500NA	30	80	
2N1959A	NS 211	5	TEC,ETC,SYL	60	40R	5.0	1.000	.600	A	175	J	100.000	G	200NA	30	80	.150
2N1959A/51	NS 909	51	SYL	60	40R	5.0	1.000	.300	A	175	J	100.000	G	200NA	30	80	
2N1960	PG 210	46	SYL	15	15	2.5	1.200	.150	A	100	J	HS SW		3μA	5	50	
2N1961	PG 210	46	SYL	12	12	1.0	.200	.150	A	100	J	HS SW		3μA	5	40	
2N1962	NS 210	46	SYL	40	20	5.0	.200	.400	A	175	J	200.000	G	250NA	25	50	
2N1963	NS 210	46	SYL	30	15	5.0	.200	.400	A	175	J	200.000	G	250NA	25	50	
2N1964	NS 210	46	SYL	60	40R	5.0	.500	.400	A	175	J	100.000	G	500NA	30	32	
2N1965	NS 210	46	SYL	60	40R	5.0	.500	.400	A	175	J	100.000	G	500NA	30	80	
2N1969	PG 210	5	SYL	30	15	20.0	.400	.150	A	100	J	10.000	B	25μA	30	120	
2N1970	PG 405	36	DEL,MOT,ETC,GPD,HUG	100	50	40.0	15.000	93.000	C	110	J	.010	E	4MA	100	30	5.000
2N1971	PG 607	3	DEL,HUG,GPD	80		40.0	4.000	37.500	C	100	J	.005	E	2MA	60	42	.500
2N1972	NS 211	5	TRW,HUG,STI,FSC	60	30R	5.0	.150	.600	A	175	J	50.000	G	1μA	30	200	.050
2N1973	NS 211	5	AML,TII,TRW,NSC,TEC,HUG	100	60	7.0		.800	A	200	J	60.000	G	25NA	75	140	.010
2N1974	NS 211	5	AML,TII,TRW,SOL,NSC,TEC	100	60	7.0		.800	A	200	J	50.000	G	25NA	75	70	.010
2N1975	NS 211	5	AML,TII,TRW,SOL,NSC,TEC	100	60	7.0		.800	A	200	J	40.000	G	25NA	75	36	.010
2N1978	SEE RF POWER SECTION																
2N1980	PG 405	36	MOT,ETC,GPD,HUG,TII	50	30	20.0	15.000	170.000	C	110	J	.003	E	6MA	50	75	5.000
2N1981	PG 405	36	MOT,ETC,TII,HUG,GPD	70	40	20.0	15.000	170.000	C	110	J	.003	E	6MA	70	75	5.000
2N1982	PG 405	36	MOT,ETC,GPD,HUG,TII	90	50	20.0	15.000	170.000	C	110	J	.003	E	6MA	90	75	5.000
2N1983	NS 211	5	FSC,TEC,TRW,ETC,MOT,HUG	50	25	5.0	1.000	.600	A	150	J	40.000	G	5μA	30	140	
2N1984	NS 211	5	FSC,TEC,TRW,ETC,MOT,HUG	50	25	5.0	1.000	.600	A	150	J	40.000	G	5μA	30	70	
2N1985	NS 211	5	FSC,TEC,TRW,ETC,HUG	50	25	5.0	1.000	.600	A	150	J	40.000	G	5μA	30	30	
2N1986	NS 211	5	FSC,TEC,GIC,TRW,ETC,HUG	50	25	5.0		.600	A	150	J	40.000	G	5μA	30	140	.150
2N1987	NS 211	5	CSF,FSC,TEC,GIC,TRW,ETC	50	25	5.0		.600	A	150	J	40.000	G	5μA	30	50	.150
2N1988	NS 211	5	FSC,TEC,GIC,TRW,ETC,HUG	100	45	5.0	1.000	.600	A	150	J	40.000	G	25μA	50	70	.030
2N1989	NS 211	5	FSC,TEC,GIC,TRW,ETC,HUG	100	45	5.0	1.000	.600	A	150	J	40.000	G	5μA	50	40	.030
2N1990	NS 211	5	FSC,RAY,GIC,TRW,AMP,SES	100	45	5.0	1.000	.600	A	150	J			10μA	75	40	.030
2N1990/46	NS 211	46	SYL	100		3.0		.400	A	150	J			10μA	75	40	.150
2N1991	PS 211	5	HUG,MOT,SES,TEC,FSC,ITT	30	20	5.0		.600	A	150	J	40.000	G	5μA	10	38	.150
2N1992	NS 211	18	WEC	15	15	6.0	.050	.350	A	200	S	300.000	G	500NA	15	75	.001
2N1993	NG 210	5	TII,SYL	30	18	30.0	.300	.150	A	100	J	3.000	B	10μA	30	150	
2N1994	NG 212	5	TII	30	30	30.0	.300	.150	A	85	J	3.000	B	6μA	20	26	
2N1995	NG 212	5	TII	25	25	25.0	.300	.150	A	85	J	5.000	B	6μA	20	36	
2N1996	NG 212	5	TII	20	20	20.0	.300	.150	A	85	J	8.000	B	6μA	20	50	
2N1997	PG 210	5	TII	45	40	45.0	.500	.250	A	100	J	3.000	B	6μA	15	120	
2N1998	PG 210	5	TII	35	35	30.0	.500	.250	A	100	J	5.000	B	6μA	15	150	
2N1999	PG 210	5	TII	30	20	20.0	.500	.250	A	100	J	8.000	B	6μA	15	220	
2N2000	PG 210	5	TII,ETC	50	20	20.0	1.000	.300	A	100	J	2.000	B	10μA	30	150	.100
2N2001	PG 210	5	TII,ETC	30	20	20.0	1.000	.300	A	100	J	6.000	B	6μA	15	200	.100
2N2002	PS 210	5	SOL,HUG,CRY,NSC	30	5	30.0	.100	.250	A	200	S			10NA	5		
2N2003	PS 210	5	SOL,HUG,CRY,NSC	30	5	30.0	.100	.250	A	200	S			30NA	5		
2N2004	PS 210	5	SOL,HUG,CRY,NSC	50	15	50.0	.100	.250	A	175	J			2NA	10		
2N2005	PS 210	5	SOL,HUG,CRY,NSC	50	15	50.0	.100	.250	A	200	S			50NA	10		
2N2006	PS 210	5	SOL,HUG,CRY,NSC	60	35	60.0	.100	.250	A	200	S			20NA	30		
2N2007	PS 210	5	SOL,HUG,CRY,NSC	60	35	60.0	.100	.250	A	200	S			50NA	30		
2N2008	NS 211	5	FSC,HUG,STI,RAY	175	110	8.0	.500	.800	A	200	J	40.000	G	50NA	100	60	.010
2N2015	NS 405	36	RCA	100	50	10.0	10.000	150.000	C	200	S	.012	E	2MA	100	33	5.000
2N2016	NS 405	36	RCA	130	65	10.0	10.000	150.000	C	200	S	.012	E	2MA	130	33	5.000
2N2017	NS 211	5	NSC,TEC,HUG,STI,GEC	60	60	8.0		1.000	A	200	J	AUD		10μA	30	125	.200
2N2018	NS 510 A		TEC,HUG	150	150X	6.0	2.000	40.000	C	175	A	2.000	G	100μA	100	35	.500
2N2019	NS 510 A		TEC,HUG	200	200X	6.0	2.000	40.000	C	175	A	2.000	G	100μA	100	35	.500
2N2020	NS 510 A		TEC,HUG	150	125	6.0	2.000	40.000	C	175	A	2.000	G	100μA	100	62	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2021	NS 510 A		TEC,HUG	200	140	6.0	2.000	40.000	C	175	A	2.000	G	100µA	100	62	.500
2N2022	PG 211	28	WEC	15	12S	3.5	.050	.150	A	100	S	250.000	G	3µA	5	88	.010
2N2032	NS 730	53	STI,TEC,HUG,STC,SEN	45	45		5.000	85.000	C	200	J	2.000	G	20MA	45	40	2.000
2N2033	NS 211	5	SOL,HUG,SEN,STC,STI	80	60	10.0	3.000	5.000	C	200	S	3.500	G	150µA	80	40	.500
2N2034	NS 211	5	SOL,HUG,STC,SEN,STI	80	60	10.0	3.000	5.000	C	200	S	3.500	G	150µA	80	40	1.000
2N2035	NS 171	8	AMF,ETC,HUG,STC,SEN,STI	80	60	10.0	3.000	14.300	H	200	S	3.500	G	150µA	80	40	1.500
2N2036	NS 631	37	STC	80	60	10.0	3.000	10.000	H	200	S	3.500	G	150µA	80	40	2.000
2N2038	NS 211	5	TEC,HUG,STI	45	45	4.0	.500	.187	A	200	S	2.000	G	100µA	45	24	.200
2N2039	NS 211	5	TEC,HUG,STI	75	75	4.0	.500	.187	A	200	S	2.000	G	100µA	75	24	.200
2N2040	NS 211	5	TEC,HUG,STI	45	45	4.0	.500	.187	A	200	S	2.000	G	100µA	45	60	.200
2N2041	NS 211	5	TEC,HUG,STI	75	75	4.0	.500	.187	A	200	S	2.000	G	100µA	75	60	.200
2N2042	PG 210	5	MOT	105	55R	75.0	.200	.200	A	100	J	.500	B	25µA	105	40	.001
2N2042A	PG 210	5	MOT	105	105S	75.0	.200	.200	A	100	J	.500	B	25µA	105	40	.001
2N2043	PG 210	5	MOT	105	55R	75.0	.200	.200	A	100	J	.750	B	25µA	105	90	.001
2N2043A	PG 210	5	MOT	105	105S	75.0	.200	.200	A	100	J	.750	B	25µA	105	90	.001
2N2048	PG 170	9	SPR,ETC,HUG,PHL	20	15	2.0	.100	.150	A	100	J	150.000	G	5µA	5	160	
2N2049	NS 211	5	SES,RAY,HUG,FSC	75	50R	7.0	.500	.800	A	200	J	50.000	G	10NA	60	200	.150
2N2059	PG 120	1	CBS	10		2.0	.050	.060	A	100	J	50.000	G			35	.010
2N2060	NS 260 A		GIC,FER,FSC	100	60	7.0	.500	.600	A	200	J	DUO	G	2NA	80	80	.001
2N2060A	NS 260 B		AML	100	60	7.0	.500	.500	A	200	J	DUO	G	2NA	80	80	.001
2N2061	PG 605	3	ETC,CLE	20	10	10.0	3.000	10.000	H	85	S	.002	E	20MA	20	35	.500
2N2061A	PG 605	3	ETC,CLE	20	15	10.0	5.000	90.000	C	125	S	.005	E	2MA	20	40	2.000
2N2062	PG 605	3	ETC,CLE	20	10	10.0	3.000	10.000	H	85	S	.002	E	20MA	20	110	2.000
2N2062A	PG 605	3	ETC,CLE	20	15	10.0	5.000	90.000	C	125	S	.001	E	2MA	20	95	2.000
2N2063	PG 605	3	ETC,CLE	40	15	20.0	3.000	12.000	H	95	S	.002	E	40MA	40	105	2.000
2N2063A	PG 605	3	ETC,CLE	40	20	20.0	5.000	90.000	C	125	S	.005	E	2MA	40	40	2.000
2N2064	PG 605	3	ETC,CLE	40	15	20.0	3.000	12.000	H	95	S	.002	E	40MA	40	110	2.000
2N2064A	PG 605	3	ETC,CLE	40	20	20.0	5.000	90.000	C	125	S	.001	E	2MA	40	95	2.000
2N2065	PG 605	3	ETC,CLE	80	25	30.0	3.000	12.000	H	95	S	.002	E	40MA	80	105	2.000
2N2065A	PG 605	3	ETC,CLE	80	40	30.0	5.000	90.000	C	125	S	.005	E	5MA	80	40	2.000
2N2066	PG 605	3	ETC,CLE	80	25	30.0	3.000	12.000	H	95	S	.002	E	40MA	80	110	2.000
2N2066A	PG 605	3	ETC,CLE	80	40	30.0	5.000	90.000	C	125	S	.001	E	5MA	80	95	2.000
2N2067	PG 640 A		KSC,GPD,CLE	40	25	20.0	3.000	10.000	H	95	S	.007	E	3MA	40	60	.500
2N2068	PG 640 A		KSC,CLE,GPD	80	55	40.0	3.000	10.000	H	95	S	.007	E	3MA	80	60	.500
2N2069	PG 605	3	CLE	40	30S	20.0	12.000	20.000	H	95	S	.002	E	55MA	40	115	5.000
2N2070	PG 605	3	CLE	80	60S	30.0	12.000	20.000	H	95	S	.002	E	55MA	80	115	5.000
2N2071	PG 607	41	CLE	40	30S	20.0	12.000	20.000	H	95	S	.002	E	55MA	40	115	5.000
2N2072	PG 607	41	CLE	80	60S	30.0	12.000	20.000	H	95	S	.002	E	55MA	80	115	5.000
2N2075	PG 405	36	MOT,ETC,DEL,GPD,HUG	80	65	40.0	15.000	170.000	C	110	J	.005	E	15MA	80	50	1.200
2N2075A	PG 405	36	MOT	80	65	40.0	15.000	170.000	C	110	J	.005	E	15MA	80	50	1.200
2N2076	PG 405	36	MOT,ETC,DEL,GPD,HUG	70	55	35.0	15.000	170.000	C	110	J	.005	E	15MA	70	50	1.200
2N2076A	PG 405	36	MOT	70	55	35.0	15.000	170.000	C	110	J	.005	E	15MA	70	50	1.200
2N2077	PG 405	36	MOT,ETC,DEL,GPD,HUG	50	45	25.0	15.000	170.000	C	110	K	.005	E	15MA	50	50	1.200
2N2077A	PG 405	36	MOT	50	45	25.0	15.000	170.000	C	110	J	.005	E	15MA	50	50	1.200
2N2078	PG 405	36	MOT,ETC,DEL,GPD,HUG	40	25	20.0	15.000	170.000	C	110	J	.005	E	15MA	40	50	1.200
2N2078A	PG 405	36	MOT	40	25	20.0	15.000	170.000	C	110	J	.005	E	15MA	40	50	1.200
2N2079	PG 405	36	MOT,ETC,DEL,GPD,HUG	80	65	40.0	15.000	170.000	C	110	J	.005	E	15MA	80	80	1.200
2N2079A	PG 405	36	MOT	80	65	40.0	15.000	170.000	C	110	J	.005	E	15MA	80	80	1.200
2N2080	PG 405	36	MOT,ETC,DEL,GPD,HUG	70	55	35.0	15.000	170.000	C	110	J	.005	E	15MA	70	80	1.200
2N2080A	PG 405	36	MOT	70	55	35.0	15.000	170.000	C	110	J	.005	E	15MA	70	80	1.200
2N2081	PG 405	36	MOT,ETC,DEL,GPD,HUG	50	45	25.0	15.000	170.000	C	110	J	.005	E	15MA	50	80	1.200
2N2081A	PG 405	36	MOT	50	45	25.0	15.000	170.000	C	110	J	.005	E	15MA	50	80	1.200
2N2082	PG 405	36	MOT,ETC,DEL,GPD,HUG	40	25	20.0	15.000	170.000	C	110	J	.005	E	15MA	40	80	1.200
2N2082A	PG 405	36	MOT	40	25	20.0	15.000	170.000	C	110	J	.005	E	15MA	40	80	1.200
2N2083			SEE RF POWER SECTION														
2N2084	PG 217	33	AMP	40	20	1.0	.010	.125	A	100	S	100.000	B	8µA	6	145	.001
2N2085	NG 210	5	ETC	33			.500	.150	A			8.000	B				
2N2086	NS 211	5	ETC,PHL	120	80R	5.0	.500	.600	A	200	S	150.000	G	150µA	60	30	.150
2N2087	PS 211	5	PHL	120	80R	5.0	.500	.600	A	200	S	150.000	G	150µA	60		
2N2089	PG 75	7	AMP	20	20R	1.0	.011	.100	A	85	S	44.000	G	8µA	6	40	.001
2N2090	PG 75	7	AMP	20	20R	1.0	.011	.100	A	85	S	44.000	G	8µA	6	40	.001
2N2091	PG 75	7	AMP	20	20R	1.0	.011	.100	A	85	S	44.000	G	8µA	6	40	.001
2N2092	PG 75	7	AMP	25	20R	1.0	.011	.100	A	85	S	44.000	G	8µA	6	40	.001
2N2093	PG 75	7	AMP	25	25R	2.0	.011	.100	A	85	S	30.000	G	8µA	6	40	.001
2N2095			SEE RF POWER SECTION														
2N2096	PG 171	31	MOT,SPR	25	12	4.0	.500	.250	A	100	S	HS SW		12µA	12	15	.400
2N2097	PG 171	31	MOT,SPR	40	20	4.0	.500	.250	A	100	S	150.000	G	12µA	15	20	.400
2N2098			SEE RF POWER SECTION														
2N2099	PG 211	5	MOT,SPR	25	12	4.0	.500	.250	A	100	S	HS SW		12µA	12	15	.400
2N2100	PG 211	5	MOT,SPR	40	20	4.0	.500	.250	A	100	S	HS SW		12µA	15	20	.400
2N2100A	PG 171	9	SPR	40	20	4.0	.500	.300	A	100	S			12µA	15	30	.200
2N2101	NS 561	61	SOL,AMF,ETC,PPC	60	40	10.0	3.000	75.000	C	200	J	.020	E	30µA	1	30	1.000
2N2102	NS 211	5	RCA,RAY,TII,TRW,TEC,HUG	120	65	7.0	1.000	1.000	A	200	J	60.000	G	2NA	60	70	.150
2N2102A	NS 211	5	RAY,TII,HUG,STI,RCA,GEC	120	65	7.0	1.000	1.000	A	200	J	60.000	G	2NA	60	80	.150
2N2104	PS 210	5	NOE	50	35	6.0	.600	.800	A	200	J	60.000	G	10NA		60	.150
2N2105	PS 210	5	NOE	50	35	6.0	.600	.800	A	200	J	50.000	G	10NA		33	.150
2N2106	NS 211	5	GEC,TEC,HUG	60	60	8.0		1.000	A	150	J	15.000	B	200µA	30	80	
2N2107	NS 211	5	GEC,TEC,HUG,STI	60	60	8.0		1.000	A	150	J	15.000	B	200µA	30	60	.200
2N2108	NS 211	5	GEC,TEC,HUG,STI	60	60	8.0		1.000	A	150	J	15.000	B	200µA	30	138	.200
2N2109	NS 502 A		WHE,SPC,HUG,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	14	10.000
2N2110	NS 502 A		WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	14	10.000
2N2111	NS 502 A		WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	150	14	10.000
2N2112	NS 502 A		WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	14	10.000
2N2113	NS 502 A		WHE,SPC,SEN	250	250	15.0	30.000	250.000	C	175	J	.500	G	30MA	250	14	10.000
2N2114	NS 502 A		WHE,SPC,SEN	300	300	15.0	30.000	250.000	C	175	J	.500	G	30MA	300	14	10.000
2N2116	NS 502 A		WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	14	15.000
2N2117	NS 502 A		WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	14	15.000
2N2118	NS 502 A		WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	150	14	15.000
2N2119	NS 502 A		WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	14	15.000
2N2120	NS 502 A		WHE,SPC	250	250X	15.0	15.000	250.000	H	175	J	.500	G	30MA	250	10	15.000
2N2121	NS 502 A		WHE	300	300X	15.0	15.000	250.000	H	175	J			30MA	300	10	15.000
2N2123	NS 502 A		WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	13	20.000
2N2124	NS 502 A		WHE,SPC,SEN	100	100	15.5	30.000	250.000	C	175	J	.500	G	30MA	100	13	20.000
2N2125	NS 502 A		WHE,SPC,SEN	150	150	15.5	30.000	250.000	C	175	J	.500	G	30MA	150	13	20.000
2N2126	NS 502 A		WHE,SPC,SEN	200	200	15.5	30.000	250.000	C	175	J	.500	G	30MA	200	13	20.000
2N2127	NS 502 A		WHE	250	250X	15.0	20.000	250.000	H	175	J			30MA	250	10	20.000
2N2128	NS 502 A		WHE	300	300X	15.0	20.000	250.000	H	175	J			30MA	300	10	20.000
2N2130	NS 502 A		WHE,SPC,SEN	50	50	15.0	30.000	250.000	C	175	J	.500	G	30MA	50	14	25.000
2N2131	NS 502 A		WHE,SPC,SEN	100	100	15.0	30.000	250.000	C	175	J	.500	G	30MA	100	14	25.000
2N2132	NS 502 A		WHE,SPC,SEN	150	150	15.0	30.000	250.000	C	175	J	.500	G	30MA	150	14	25.000
2N2133	NS 502 A		WHE,SPC,SEN	200	200	15.0	30.000	250.000	C	175	J	.500	G	30MA	200	14	25.000
2N2134	NS 502 A		WHE	250	250X	15.0	25.000	250.000	H	175	J			30MA	250	10	25.000
2N2135	NS 502 A		WHE	300	300X	15.0	25.000	250.000	H	175	J			30MA	300	10	25.000
2N2137	PG 605	3	MOT,ETC	30	20	15.0		62.500	C	110	J	.012	E	50µA	2	45	.500
2N2137A	PG 605	3	MOT,ETC	30	20	15.0		70.000	C	110	J	.012	E	50µA	2	45	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND			I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)		
2N2138	PG 605	3	MOT,ETC,HUG,SOL	45	30	25.0		62.500	C	110	J	.012	E	50µA	2	45	.500
2N2138A	PG 605	3	MOT,ETC,SOL	45	30	25.0		70.000	C	110	J	.012	E	50µA	2	45	.500
2N2139	PG 605	3	MOT,ETC,HUG,SOL	60	45	30.0		62.500	C	110	J	.012	E	50µA	2	45	.500
2N2139A	PG 605	3	MOT,ETC,SOL	60	45	30.0		70.000	C	110	J	.012	E	50µA	2	45	.500
2N2140	PG 605	3	MOT,ETC,HUG,SOL	75	60	40.0		62.500	C	110	J	.012	E	50µA	2	45	.500
2N2140A	PG 605	3	MOT,ETC,SOL	75	60	40.0		70.000	C	110	J	.012	E	50µA	2	45	.500
2N2141	PG 605	3	MOT,ETC,HUG,SOL	90	65	45.0		62.500	C	110	J	.012	E	50µA	2	45	.500
2N2141A	PG 605	3	MOT,ETC,SOL	90	65	45.0		70.000	C	110	J	.012	E	50µA	2	45	.500
2N2142	PG 605	3	MOT,ETC,HUG,SOL	30	20	15.0		62.500	C	110	J	.012	E	50µA	2	70	.500
2N2142A	PG 605	3	MOT,ETC,SOL	30	20	15.0		70.000	C	110	J	.012	E	50µA	2	70	.500
2N2143	PG 605	3	MOT,ETC,HUG,SOL	45	30	25.0		62.500	C	110	J	.012	E	50µA	2	70	.500
2N2143A	PG 605	3	MOT,ETC,SOL	45	30	25.0		70.000	C	110	J	.012	E	50µA	2	70	.500
2N2144	PG 605	3	MOT,ETC,HUG,SOL	60	45	30.0		62.500	C	110	J	.012	E	50µA	2	70	.500
2N2144A	PG 605	3	MOT,ETC,SOL	60	45	30.0		70.000	C	110	J	.012	E	50µA	2	70	.500
2N2145	PG 605	3	MOT,ETC,HUG,SOL	75	60	40.0		62.500	C	110	J	.012	E	50µA	2	70	.500
2N2145A	PG 605	3	MOT,ETC,SOL	75	60	40.0		70.000	C	110	J	.012	E	50µA	2	70	.500
2N2146	PG 605	3	MOT,ETC,HUG,SOL	90	65	45.0		62.500	C	110	J	.012	E	50µA	2	70	.500
2N2146A	PG 605	3	MOT,ETC,SOL	90	65	45.0		70.000	C	110	J	.012	E	50µA	2	70	.500
2N2147	PG 605	3	RCA,ETC,GPD	75	50	1.5	5.000	12.500	H	100	J	3.000	G	10MA	75	200	1.000
2N2148	PG 605	3	RCA,ETC,GPD	60	40	1.0	5.000	12.500	H	100	J	2.000	G	10MA	60	100	1.000
2N2150	NS 581	111	TII,TEC,HUG,TIL	125	80	8.0	2.000	30.000	H	175	J	55.000	G	10µA	120	40	.500
2N2151	NS 581	111	TII,TEC,HUG,TIL	125	80	8.0	2.000	30.000	H	175	J	55.000	G	10µA	120	80	.500
2N2152	PG 405	36	MOT,ETC,GPD	45	30	25.0	30.000	170.000	C	110	J	.002	E	4MA	45	76	5.000
2N2152A	PG 405	36	MOT,ETC	45	30	25.0	30.000	170.000	C	110	J	.002	E	4MA	45	76	5.000
2N2153	PG 405	36	MOT,ETC,GPD	60	45	30.0	30.000	170.000	C	110	J	.002	E	4MA	60	76	5.000
2N2153A	PG 405	36	MOT,ETC	60	45	30.0	30.000	170.000	C	110	J	.002	E	4MA	60	76	5.000
2N2154	PG 405	36	MOT,ETC,GPD	75	60	40.0	30.000	170.000	C	110	J	.002	E	4MA	75	76	5.000
2N2154A	PG 405	36	MOT,ETC	75	60	40.0	30.000	170.000	C	110	J	.002	E	4MA	75	76	5.000
2N2155	PG 405	36	ETC,MOT	90	75	45.0	30.000	170.000	C	110	J	.002	E	4MA	90	75	5.000
2N2155A	PG 405	36	ETC	90	75	45.0	30.000	170.000	C	110	J	.002	E	4MA	90	75	5.000
2N2156	PG 405	36	MOT,ETC,GPD	45	30	25.0	30.000	170.000	C	110	J	.002	E	4MA	45	106	5.000
2N2156A	PG 405	36	MOT,ETC	45	30	25.0	30.000	170.000	C	110	J	.002	E	4MA	45	106	5.000
2N2157	PG 405	36	MOT,ETC,GPD	60	45	30.0	30.000	170.000	C	110	J	.002	E	4MA	60	106	5.000
2N2157A	PG 405	36	MOT,ETC	60	45	30.0	30.000	170.000	C	110	J	.002	E	4MA	60	106	5.000
2N2158	PG 405	36	MOT,ETC,GPD,HUG	75	60	40.0	30.000	170.000	C	110	J	.002	E	4MA	75	106	5.000
2N2158A	PG 405	36	MOT,ETC	75	60	40.0	30.000	170.000	C	110	J	.002	E	4MA	75	106	5.000
2N2159	PG 405	36	ETC,MOT	90	75	45.0	30.000	170.000	C	110	J	.002	E	4MA	90	106	5.000
2N2159A	PG 405	36	ETC	90	75	45.0	30.000	170.000	C	110	J	.002	E	4MA	90	106	5.000
2N2161	NS 210	5	GEC	55	35	3.0	.050	.200	A	175	S	20.000	G	10NA	45	110	.010
2N2162	PS 210	5	SPR,HUG,CRY	30	30	30.0	.050	.150	A	140	S	14.000	G	10NA	10	36	
2N2163	PS 210	5	SPR,HUG,CRY	15	15	15.0	.050	.150	A	140	S	14.000	G	10NA	4	36	
2N2164	PS 210	5	SPR,HUG,CRY	12	8	12.0	.050	.150	A	140	S	24.000	G	20NA	4	40	
2N2165	PS 210	5	SPR,HUG,CRY	30	30	30.0	.050	.150	A	140	S	10.000	G	20NA	10		
2N2166	PS 210	5	SPR,HUG,CRY	15	15	15.0	.050	.150	A	140	S	10.000	G	20NA	4		
2N2167	PS 210	5	SPR,HUG,CRY	12	8	12.0	.050	.150	A	140	S	16.000	G	20NA	4		
2N2168	PG 170	9	SPR,ETC,HUG	20	15	2.0	.100	.060	A	100	J	450.000	G	3µA	5	60	.050
2N2169	PG 170	9	SPR,ETC,HUG	15	15	2.0	.100	.060	A	100	J	450.000	G	3µA	5	45	.050
2N2170	PG 170	9	SPR,ETC,HUG	15	10	2.0	.100	.060	A	100	J	350.000	G	5µA	5	30	.050
2N2171	PG 212	5	MOT,ETC,TSE	50	25R	20.0	.400	.200	A	100	S	7.500	B	10µA	25	180	.020
2N2172	PG 210	5	KSC	10			.400	.200	A	100	S	5.000	B			30	.010
2N2173	PG 211	39	TII	25	15	3.0	.750	.240	A	100	S	HSSW		10µA	10	45	.200
2N2175	PS 210	5	SOL,HUG,CRY	6	6	6.0	.050	.100	A	175	J	1.000	G	1NA	4	80	
2N2176	PS 210	18	SOL,HUG,CRY	6	6	6.0	.050	.100	A	175	J	1.000	G	1NA	4	80	
2N2177	PS 210	5	SOL,HUG,CRY	6	6	6.0	.050	.100	A	175	J	.800	B	5NA	4	70	
2N2178	PS 210	18	SOL,CRY	6	6	6.0	.050	.100	A	175	J	.800	B	5NA	4	70	
2N2180	PG 105	24	PHL	15		15.0	.050	.050	A	100	J	60.000	G			100	.010
2N2181	PS 120	1	RAY	25	25	25.0	.050	.150	A	165	S	6.000	G			10	.005
2N2182			M.P.2N2181														
2N2183	PS 120	1	PHL	15	10	15.0	.050	.150	A	165	S	6.000	G			10	.005
2N2184			M.P.2N2183														
2N2185	PS 210	18	SPR,HUG,CRY,PHL	30	30	30.0	.050	.150	A	140	A	6.500	G	1NA	10		
2N2186			M.P.2N2185														
2N2187			M.P.2N2185														
2N2188	PG 120	58	TII	40	25	2.0	.030	.125	A	85	J	60.000	G	3µA	12	100	.002
2N2189	PG 120	58	TII	40	25	2.0	.030	.125	A	85	J	102.000	G	3µA	12	120	.002
2N2190	PG 120	58	TII	60	25	2.0	.030	.125	A	85	J	60.000	G	3µA	12	100	.002
2N2191	PG 120	58	TII	60	25	2.0	.030	.125	A	85	J	102.000	G	3µA	12	120	.002
2N2192	NS 211	5	RAY,TII,MOT,GIC,SES,NSC	60	40	5.0	1.000	.800	A	200	J	50.000	G	10NA	30	200	.150
2N2192A	NS 211	5	RAY,TII,MOT,GIC,ITT,SES	60	40	5.0	1.000	.800	A	200	J	50.000	G	10NA	30	200	.150
2N2192B	NS 211	5	RAY,MOT,GIC,ITT,TEC,HUG	60	40	5.0	1.000	.800	A	200	J	50.000	G	10NA	30	200	.150
2N2193	NS 211	5	RAY,ITT,SES,TII,MOT,SES	80	50	8.0	1.000	.800	A	200	J	50.000	G	10NA	60	80	.150
2N2193A	NS 211	5	RAY,TII,MOT,ITT,SES,NSC	80	50	8.0	1.000	.800	A	200	J	50.000	G	10NA	60	80	.150
2N2193B	NS 211	5	RAY,ITT,MOT,TEC,HUG,FSC	80	50	8.0	1.000	.800	A	200	J	50.000	G	10NA	60	80	.150
2N2194	NS 211	5	RAY,TII,MOT,ITT,SES,NSC	60	40	5.0	1.000	.800	A	200	J	50.000	G	10NA	30	40	.150
2N2194A	NS 211	5	RAY,TII,MOT,ITT,SES,NSC	60	40	5.0	1.000	.800	A	200	J	50.000	G	10NA	30	40	.150
2N2194B	NS 211	5	RAY,MOT,ITT,TEC,HUG,FSC	60	40	5.0	1.000	.800	A	200	J	50.000	G	10NA	30	40	.150
2N2195	NS 211	5	RAY,MOT,ITT,SES,NSC,TEC	45	25	5.0	1.000	.600	A	200	J	50.000	G	100NA	30	30	.150
2N2195A	NS 211	5	RAY,MOT,ITT,SES,NSC,TEC	45	25	5.0	1.000	.600	A	200	J	50.000	G	100NA	30	30	.150
2N2195B	NS 211	5	RAY,MOT,ITT,TEC,HUG,FSC	45	25	5.0	1.000	.600	A	200	J	50.000	G	100NA	30	30	.150
2N2196	NS 635 B		GEC,SES,TEC,HUG,STI	80	60	8.0		15.000	C	175	J	15.000	B	75µA	80	60	.200
2N2197	NS 635 B		GEC,SES,TEC,HUG,STI	80	60	8.0		15.000	C	175	J	15.000	B	75µA	80	138	.200
2N2198	NS 211	5	TEC	80	80	7.0	.200	.187	A	200	S	4.000	G	15µA	80	45	.100
2N2199	PG 170	9	ETC,PHL	15	10	.5	.100	.075	A	100	J	120.000	G	5µA	10	14	.003
2N2200	PG 170	9	ETC,PHL	15	10	.5	.100	.075	A	100	J	120.000	G	5µA	10	14	.003
2N2201	NS 635 B		TEC,HUG,GEC	120	100	10.0	1.000	15.000	C	175	S	10.000	G	50µA	120	60	.200
2N2202	NS 670 A		HUG,GEC	120	100	10.0	1.000	15.000	C	175	S	10.000	G	50µA	120	60	.200
2N2203	NS 676 A		HUG,GEC	120	100	10.0	1.000	15.000	C	175	S	10.000	G	50µA	120	60	.200
2N2204	NS 680 A		HUG,GEC	120	100	10.0	1.000	15.000	C	175	S	10.000	G	50µA	120	60	.200
2N2205	NS 211	18	RAY,FSC,ITT,RCA,FER	25	12	3.0	.200	.300	A	175	J	200.000	G	25NA	15	40	.010
2N2206	NS 211	46	FSC,ITT,RCA	25	12	3.0	.200	.300	A	175	J	200.000	G	25NA	15	80	.010
2N2207	PG 75	7	AMP	70	50R	.5	.050	.260	A	75	S	140.000	B	10µA	50	200	.010
2N2208	PG 128	44	RCA	40	10	.5		.120	A	100	S	,RF		50µA			
2N2209	PG 210	5	RCA	30	12	12.0	.100	.150	A	100	S	6.000	B				
2N2210	PG 405	36	ETC,DEL	100	65	60.0	10.000	70.000	C	100	J	.005	E	4MA	100	38	5.000
2N2211	PG 605	3	MOT	80	60S	80.0	5.000	90.000	C	100	S	.005	E	20MA	80	100	1.000
2N2212	PG 607	41	BEN,MOT,GPD	120	60	1.5	10.000	60.000	C	110	J	1.500	B	2MA	100	80	5.000
2N2214	NS 911	51	TRW	25	15	5.0	.200	.250	C	150	S	200.000	G	5NA	15	25	.010
2N2216	PS 210	5	NOE	150	100	6.0	.250	.800	A	200	J	40.000	G			73	.050
2N2217	NS 211	5	FSC,RAY,SPR,TII,SES,ITT	60	30	5.0	.800	.800	A	200	J	250.000	G	10NA	50	40	.150
2N2217/51	NS 909	51	SYL	60	30	5.0	.800	.300	A	175	J	250.000	G	10NA	50	30	
2N2218	NS 211	39	FSC,RAY,SPR,SES,ITT,MOT	60	30	5.0	.800	.800	A	175	J	250.000	G	10NA	50	80	.150
2N2218/51	NS 909	51	SYL	60	30	5.0	.800	.300	A	175	J	250.000	G	10NA	50	50	
2N2218A	NS 211	39	RAY,FSC,MOT,TRW,ITT,TII	75	40	6.0	.800	.800	A	175	J	250.000	G	10NA	60	80	.150
2N2219	NS 211	39	FSC,RAY,SPR,SES,ITT,MOT	60	30	5.0	.800	.800	A	175	J	250.000	G	10NA	50	200	.150
2N2219/51	NS 909	51	SYL	60	30	5.0	.800	.300	A	175	J	250.000	G	10NA	50	90	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
2N2219A	NS 211	39	RAY,FSC,MOT,GEC,TRW,ITT	75	40	6.0	.800	.800	A	175	J	250.000	G	10NA	60	200 .150
2N2220	NS 211	18	FSC,RAY,TII,ITT,SES,GEC	60	30	5.0	.800	.500	A	200	J	250.000	G	10NA	50	40 .150
2N2221	NS 211	18	FSC,RAY,TII,ITT,SES,SPR	60	30	5.0	.800	.500	A	200	J	250.000	G	10NA	50	80 .150
2N2221A	NS 211	18	GEC,MOT,FSC,RAY,TRW,ITT	75	40	6.0	.800	.500	A	175	J	250.000	G	10NA	60	80 .150
2N2222	NS 211	18	FSC,RAY,TII,SES,GIC,MOT	60	30	5.0	.800	.500	A	175	J	250.000	G	10NA	50	200 .150
2N2222A	NS 211	18	GEC,MOT,FSC,RAY,TRW,ITT	75	40	6.0	.800	.500	A	175	J	250.000	G	10NA	60	200 .150
2N2223	NS 260 B		GIC,FER,TII,MOT,FSC	100	60	7.0	.500	1.600	C	200	J	DUO	G	10NA	80	125 .010
2N2223A	NS 260 B		GIC,MOT,TII,FSC,FER	100	60	7.0	.500	1.600	C	200	J	DUO	G	10NA	80	125 .010
2N2224	NS 211	5	MOT	65	40	5.0	.500	.800	A	175	J	160.000	G	10µA	50	65 .010
2N2226	NS 412	82	WHE,SPC,HUG,STC,SEN	50	50	15.0	10.000	150.000	H	150	J	.500	G	200µA	50	360 10.000
2N2227	NS 412	82	WHE,SPC,HUG,STC,SEN	100	100	15.0	10.000	150.000	H	150	J	.500	G	200µA	100	360 10.000
2N2228	NS 412	82	WHE,SPC,HUG,SEN	150	150	15.0	10.000	150.000	H	150	J	.500	G	200µA	150	360 10.000
2N2229	NS 412	82	WHE,SPC,HUG,SEN	200	200	15.0	10.000	150.000	H	150	J	.500	G	200µA	200	360 10.000
2N2230	NS 412	82	WHE,SPC,HUG,STC,SEN	50	50	15.0	10.000	150.000	H	150	J	.500	G	200µA	50	500 10.000
2N2231	NS 412	82	WHE,SPC,HUG,STC,SEN	100	100	15.0	10.000	150.000	H	150	J	.500	G	200µA	100	500 10.000
2N2232	NS 412	82	WHE,SPC,HUG,SEN	150	150	15.0	10.000	150.000	H	150	J	.500	G	200µA	150	500 10.000
2N2233	NS 412	82	WHE,SPC,HUG,SEN	200	200	15.0	10.000	150.000	H	150	J	.500	G	200µA	200	500 10.000
2N2234	NS 605	3	STL	40	20	6.0	.500	10.000	C	150	S	50.000	G			38 .100
2N2235	NS 605	3	STL	40	20	6.0	.500	10.000	C	150	S	100.000	G			83 .100
2N2236	NS 211	5	RAY	40	20	6.0	.500	.600	A	150	S	50.000	G	50NA	9	38 .100
2N2237	NS 211	5	RAY	40	20	6.0	.500	.600	A	150	S	100.000	G	50NA	9	83 .100
2N2238	PG 211	5	WEC	30	30S	1.0	.050	.300	A	100	S	600.000	G	5µA	20	10 .010
2N2239	NS 635 B		GEC	60	50		.500	1.000	A	100	J	2.500	B	10µA	10	
2N2242	NS 211	18	MOT,ITT,GIC	40	15	5.0	.225	.360	A	200	J	250.000	G	100NA	20	80 .010
2N2243	NS 211	5	SES,RAY,TII,NSC,TEC,HUG	120	80	7.0	1.000	.800	A	200	S	50.000	G	10NA	60	80 .150
2N2243A	NS 211	5	SES,RAY,TII,NSC,TEC,HUG	120	80	7.0	1.000	.800	A	200	J	50.000	G	10NA	60	80 .150
2N2244	NS 210	18	NSC	30	20	6.0	.100	.500	A	200	J	60.000	G	10NA	30	80
2N2245	NS 210	18	NSC	30	20	6.0	.100	.500	A	200	J	60.000	G	10NA	30	160
2N2246	NS 210	18	NSC	30	20	6.0	.100	.500	A	200	J	60.000	G	10NA	30	300
2N2247	NS 210	18	NSC	60	45	6.0	.100	.500	A	200	J	60.000	G	10NA	60	80
2N2248	NS 210	18	NSC	60	45	6.0	.100	.500	A	200	J	60.000	G	10NA	60	160
2N2249	NS 210	39	NSC	60	45	6.3	.100	.500	A	200	J	600.000	G	10NA	60	
2N2250	NS 210	18	NSC	30	20	6.0		.500	A	200	J	60.000	G	10NA	30	80
2N2251	NS 210	18	NSC	30	20	6.0		.500	A	200	J	60.000	G	10NA	30	160
2N2252	NS 210	18	NSC	30	20	6.0		.500	A	200	J	60.000	G	10NA	30	300
2N2253	NS 210	18	NSC	60	45	6.0		.500	A	200	J	60.000	G	10NA	60	80
2N2254	NS 210	18	NSC	60	45	6.0		.500	A	200	J	60.000	G	10NA	60	160
2N2255	NS 210	18	NSC	60	45	6.0		.500	A	200	J	60.000	G	10NA	60	300
2N2256	NS 211	18	MOT	7	4	1.0	.100	.300	A	175	J	250.000	G	10µA	6	17 .010
2N2257	NS 211	18	MOT	7	4	1.0	.100	.300	A	175	J	250.000	G	10µA	6	40 .010
2N2258	PG 211	18	MOT	7	4	1.0	.100	.150	A	100	J	250.000	G	10µA	6	17 .010
2N2259	PG 211	18	MOT	7	4	1.0	.100	.150	A	100	J	250.000	G	10µA	6	40 .010
2N2266	PG 427 A		MHR,HUG,KSC,GPD	80	55	28.0	5.000	12.500	C	125	S	.200	G	2MA	80	50 2.000
2N2267	PG 427 A		GPD,HUG,KSC,MHR	100	55	28.0	5.000	12.500	C	125	S	.200	G	2MA	100	50 2.000
2N2268	PG 426 A		SOL,HUG,MHR	80	55	28.0	5.000	12.500	C	125	S	.200	G	2MA	80	50 2.000
2N2269	PG 426 A		HUG,MHR	100	55	28.0	5.000	12.500	C	125	S	.200	G	2MA	100	50 2.000
2N2270	NS 211	5	RCA,ETC,RAY,NSC,TII,TEC	60	45	7.0	1.000	1.000	A	200	J	100.000	G	50NA	60	175 .150
2N2271	PG 210	5	ETC,SYL	20	15	10.0	.500	.250	A	100	J	.010	E	10µA	10	75 .035
2N2272	NS 211	18	GEC	40	15	5.0	.500	.360	A	200	J	300.000	G	25NA	20	120 .010
2N2273	PG 211	18	MOT,RCA	25	15	1.0	.100	.100	A	100	S	240.000	G	10µA	12	90 .001
2N2274	PS 170 J		SPR,HUG,CRY,PHL	25	25	25.0	.050	.150	A	140	S	6.000	G	3NA	10	43 .005
2N2275			M.P.2N2274													
2N2276	PS 170 J		SPR,HUG,CRY,PHL	15	10	15.0	.050	.150	A	140	S	6.000	G	3NA	10	43 .005
2N2277			M.P.2N2276													
2N2278	PS 170 J		SPR,HUG,CRY,PHL	15	15	15.0	.050	.150	A	140	S	7.600	G	1NA	10	45 .005
2N2279			M.P.2N2278													
2N2280	PS 170 J		SPR,HUG,CRY,PHL	10	6	10.0	.050	.150	A	140	S	16.000	G	3NA	6	55 .005
2N2281			M.P.2N2280													
2N2282	PG 631	37	GPD	60	30	1.5	3.000	5.000	C	110	J	2.500	B	100µA	20	53 .500
2N2283	PG 631	37	GPD	100	60	1.5	3.000	5.000	C	110	J	2.500	B	100µA	40	53 .500
2N2284	PG 631	37	GPD	200	100	1.5	3.000	5.000	C	110	J	2.500	B	150µA	60	53 .500
2N2285	PG 605	3	GPD,ETC,MOT	60	30	1.5	25.000	100.000	C	110	J	.010	E	5MA	40	88 10.000
2N2286	PG 605	3	GPD,ETC,MOT	100	60	1.5	25.000	100.000	C	110	J	.010	E	5MA	80	88 10.000
2N2287	PG 605	3	GPD,ETC,MOT	120	80	1.5	25.000	100.000	C	110	J	.010	E	5MA	100	88 10.000
2N2288	PG 605	3	BEN,ETC,MOT,GPD	40	40R	.8	10.000	85.000	C	110	J	1.500	B	5MA	40	60 5.000
2N2289	PG 605	3	GPD,ETC,MOT,BEN	80	80R	.8	10.000	85.000	C	110	J	1.500	B	5MA	80	60 5.000
2N2290	PG 605	3	BEN,ETC,MOT,GPD	120	120R	.8	10.000	85.000	C	110	J	1.500	B	5MA	120	60 5.000
2N2291	PG 605	3	GPD,ETC,MOT,BEN	40	40R	1.5	10.000	60.000	C	110	J	1.500	B	5MA	40	80 5.000
2N2292	PG 605	3	BEN,ETC,MOT,GPD	80	80R	1.5	10.000	60.000	C	110	J	1.500	B	5MA	80	80 5.000
2N2293	PG 605	3	GPD,ETC,MOT,BEN	120	120R	1.5	10.000	60.000	C	110	J	1.500	B	5MA	120	80 5.000
2N2294	PG 607	41	BEN,ETC,GPD	40	40R		10.000	60.000	C	110	J	1.500	B	1MA	25	80 5.000
2N2295	PG 607	41	GPD,ETC,BEN	80	80R		10.000	60.000	C	110	J	1.500	B	1MA	60	80 5.000
2N2296	PG 607	41	BEN,ETC,GPD	120	120R		10.000	60.000	C	110	J	1.500	B	2MA	100	80 5.000
2N2297	NS 211	5	FSC,RAY,TEC,ITT,HUG,MOT	80	35	7.0	1.000	5.000	C	200	J	60.000	G	10NA	60	80 .150
2N2297/51	NS 910	51	SYL	80	35	7.9		.300	A	200	J	60.000	G	10NA	60	80
2N2303	PS 211	5	HUG,RAY,MOT,TII,SES,GIC	50	35	5.0	.500	.600	A	175	J	60.000	G	1µA	30	130 .150
2N2304	NS 171	8	STC,SEN,RCA	60	40	6.0	3.000	25.000	C	200	S	.800	E	100µA	30	50 .300
2N2305	NS 605	3	SOL,HUG,STC,RCA,STI,PPC	60	40	10.0	6.000	75.000	C	200	S	.600	E	200µA	30	38 .800
2N2306	NS 171	8	TRW	75	50	5.0	2.000	13.000	C	200	S	175.000	G	1MA	75	44 .350
2N2308	NS 170	8	ETC,STC,SEN	100	80	12.0	3.000	25.000	C	200	J	1.000	G	50µA	40	35 1.000
2N2309	NS 211	5	RAY,HUG,STI	30	30	5.0	.500	.600	A	175	J	40.000	G	5NA	4	75 .001
2N2310	NS 211	46	RAY,TRW,HUG	60	60	8.0	.500	.350	A	175	J	50.000	G	25NA	60	24 .200
2N2311	NS 211	46	RAY,TRW	100	100	8.0	.500	.350	A	175	J	50.000	G	25NA	100	24 .200
2N2312	NS 211	46	RAY,TRW,HUG	60	60	8.0	.500	.350	A	175	J	40.000	G	25NA	60	60 .200
2N2313	NS 211	46	RAY,TRW,HUG	100	100	8.0	.500	.350	A	175	J	40.000	G	25NA	100	60 .200
2N2314	NS 211	46	RAY,TRW,HUG	60	40R	5.0	.500	.350	A	175	J	40.000	G	25NA	30	40 .150
2N2315	NS 211	46	RAY,TRW,HUG	60	40R	5.0	.500	.350	A	175	J	50.000	G	25NA	30	80 .150
2N2316	NS 211	46	RAY,TRW,HUG	120	80R	5.0	.500	.350	A	175	J	50.000	G	25NA	60	80 .150
2N2317	NS 211	46	RAY,TRW,HUG	75	50R	7.0	.500	.350	A	175	J	60.000	G	10NA	60	80 .150
2N2318	NS 211	18	GIC	30	15	5.0		.360	A	200	S	300.000	G	50NA	20	60 .010
2N2319	NS 211	46	GIC	30	15	5.0		.300	A	200	S	300.000	G	50NA	20	60 .010
2N2320	NS 211	5	GIC	30	15	5.0		.600	A	200	S	300.000	G	50NA	20	60 .010
2N2330	NS 210	5	MOT,HUG	30	20	5.0		.800	A	175	J	150.000	G	1NA	5	100 .010
2N2331	NS 210	18	MOT,ETC,HUG	30	20	5.0		.500	A	175	J	150.000	G	1NA	5	100 .010
2N2332	PS 210	18	SOL,HUG,CRY,NSC	15	15	15.0	.100	.150	A	200	S			10NA	5	
2N2333	PS 210	18	SOL,HUG,CRY,NSC	15	5	15.0	.100	.150	A	200	S			30NA	5	
2N2334	PS 210	18	SOL,HUG,CRY,NSC	30	15	30.0	.100	.150	A	200	S			10NA	5	
2N2335	PS 210	18	SOL,HUG,CRY,NSC	30	15	30.0	.100	.150	A	200	S			50NA	5	
2N2336	PS 210	18	SOL,HUG,CRY,NSC	50	35	50.0	.100	.150	A	200	S			20NA	30	
2N2337	PS 210	18	SOL,HUG,CRY,NSC	50	35	50.0	.100	.150	A	200	S			50NA	30	
2N2338	NS 405	36	RCA	60	40	6.0	7.500	150.000	C	200	J	.015	G	200NA	30	38 3.000
2N2339	NS 461	57	ETC,RCA	60	40	6.0	2.500	40.000	C	200	J	.700	G	100µA	30	50 .300
2N2340	NS 631	37	DEL	50	40	4.0	1.000	10.000	C	175	S	.550	E			25 .750
2N2341	NS 631	37	DEL	50	40	4.0	1.000	10.000	C	175	S	.350	E			70 .750
2N2342	NS 631	37	DEL	100	60	4.0	1.000	10.000	C	175	S	.550	E			25 .750

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2343	NS 631	37	DEL	100	40	4.0	1.000	10.000	C	175	S	.350	E			70	.750
2N2349	NS 210	5	TRW,HUG,GEC	40	24	1.5	.025	.150	A	200	S	RF AMP		1μA	12	180	.010
2N2350	NS 211	46	RAY,TRW,ITT,HUG,GEC	60	40	5.0	1.000	.400	A	200	J	50.000	G	10NA	30	200	.150
2N2350A	NS 211	46	RAY,TRW,ITT,HUG,GEC	60	40	5.0	1.000	.400	A	200	J	50.000	G	10μA	30	200	.150
2N2351	NS 211	46	RAY,TRW,ITT,HUG,FSC,GEC	80	50	8.0	1.000	.400	A	200	J	50.000	G	10NA	60	80	.150
2N2351A	NS 211	46	RAY,TRW,ITT,HUG,FSC,GEC	80	50	8.0	1.000	.400	A	200	J	50.000	G	10μA	60	80	.150
2N2352	NS 211	46	RAY,TRW,ITT,HUG,GEC	60	40	5.0	1.000	.400	A	200	J	50.000	G	10NA	30	40	.150
2N2352A	NS 211	46	RAY,TRW,ITT,HUG,GEC	60	40	5.0	1.000	.400	A	200	J	50.000	G	10μA	30	40	.150
2N2353	NS 211	46	RAY,TRW,ITT,HUG,GEC	45	25	5.0	1.000	.350	A	200	J	50.000	G	100NA	30	40	.150
2N2353A	NS 211	46	RAY,TRW,ITT,HUG,GEC	45	25	5.0	1.000	.350	A	200	J	50.000	G	100μA	30	40	.150
2N2354	NG 10	22	SYL,SSI	20	15R	10.0	.150	.180	A	85	S			10μA	10	100	.035
2N2356A	NS 270 A		GEC	25	7	7.0	.500	.600	A	200	J	50.000	G	10NA	25		
2N2357	PG 607	41	BEN,MOT,GPD	60	30	1.5	50.000	170.000	C	110	J	.600	E	50MA	60	60	20.000
2N2358	PG 607	41	GPD,MOT,BEN	100	60	1.5	50.000	170.000	C	110	J	.600	E	50MA	100	60	20.000
2N2359	PG 607	41	BEN,MOT,GPD	120	80	1.5	50.000	170.000	C	110	J	.600	E	50MA	120	60	20.000
2N2360	PG 217	12	SPR,HUG,PHL	20	20S	.5	.050	.060	A	125	J	980.000	F	10μA	10	10	.002
2N2361	PG 217	12	SPR,HUG,PHL	20	20S	.5	.050	.060	A	125	J	VHFCON		10μA	10	10	.002
2N2362	PG 217	12	SPR,HUG,PHL	20	20S	.5	.050	.060	A	100	J	VHFOSC		10μA	10	10	.002
2N2363	PG 217	72	TII	30	20	.5	.050	.075	A	100	S	800.000	G	5μA	12	105	.002
2N2364	NS 211	46	RAY,TRW,HUG,GEC	120	80	7.0	1.000	.400	A	200	J	50.000	G	10NA	60	80	.150
2N2364A	NS 211	46	RAY,TRW,HUG,GEC	120	80	7.0	1.000	.400	A	200	J	50.000	G	10NA	60	80	.150
2N2368	NS 211	18	FSC,RAY,TII,SES,ITT,MOT	40	15	4.5	.500	.360	A	200	J	650.000	G	400NA	20	40	.010
2N2369	NS 211	18	FSC,RAY,TII,SES,ITT,MOT	40	15	4.5	.500	.360	A	200	J	650.000	G	400NA	20	80	.010
2N2369A	NS 211	18	FSC,RCA,RAY,ITT,TII,NSC	40	15	4.5	.200	.360	A	200	J	675.000	G	400NA	20	80	.010
2N2370	PS 210	5	HUG,CRY,NSC	15	15	15.0	.100	.200	A	200	S	.015	E	5NA	4	15	
2N2371	PS 210	5	HUG,CRY,NSC	15	15	15.0	.100	.200	A	200	S	.020	E	5NA	4	20	
2N2372	PS 210	18	HUG,CRY,NSC	15	15	15.0	.100	.150	A	200	S	.015	E	5NA	4	15	
2N2373	PS 210	18	HUG,CRY,NSC	15	15	15.0	.100	.150	A	200	S	.020	E	5NA	4	20	
2N2374	PG 210	5	ETC,PHL,STI	35	35S	35.0	.500	.250	A	100	S	.300	G	7μA	15	200	.100
2N2375	PG 210	5	ETC,PHL,STI	35	35S	35.0	.500	.250	A	100	S	.118	G	7μA	15	73	.100
2N2376			M.P.2N2375														
2N2377	PS 210	18	SPR,HUG,CRY,STI	25	25	10.0	.050	.150	A	140	S	8.000	G	1μA	25	55	.005
2N2378	PS 210	18	SPR,HUG,CRY	10	10	10.0	.050	.150	A	140	S	7.200	G	100NA	10	15	.015
2N2379	PG 405	36	TSE	100	80S	80.0	15.000	150.000	C	100	S	.004	E	8MA	100	31	5.000
2N2380	NS 211	5	RAY,PHL	80	40	5.0	.500	.600	A	200	S	100.000	G	4μA	40	70	.150
2N2380A	NS 211	5	RAY,PHL	80	40	5.0	.500	.600	A	200	J	100.000	G	4μA	40	70	.150
2N2381	PG 210	39	MOT	30	15	4.0	.500	.300	A	100	S	300.000	G	25μA	20	25	.400
2N2382	PG 210	39	MOT	45	20	4.0	.500	.300	A	100	S	300.000	G	15μA	20	25	.400
2N2387	NS 909	50	TII	45	45	5.0	.030	.300	A	175	J	30.000	G	10NA	45	60	.001
2N2388	NS 909	50	TII	45	45	5.0	.030	.300	A	175	J	30.000	G	10NA	45	200	.001
2N2389	NS 909	50	TII	75	50R	7.0	.500	.450	A	200	J	60.000	G	10NA	60	80	.150
2N2390	NS 909	50	TII	75	50R	7.0	.500	.450	A	200	J	70.000	G	10NA	60	200	.150
2N2391	PS 909	50	TII	25	20	5.0	.050	.300	A	175	J	140.000	G	10μA	25	30	.010
2N2392	PS 909	50	TII	25	20	5.0	.050	.300	A	175	J	140.000	G	10μA	25	60	.010
2N2393	PS 909	50	TII	50	35	5.0	.300	.450	A	175	J	50.000	G	1μA	30	33	.150
2N2394	PS 909	50	TII	50	35	5.0	.300	.450	A	175	J	60.000	G	1μA	30	60	.150
2N2395	NS 909	50	TII	60	40	5.0	.300	.450	A	200	J	40.000	G	10NA	30	40	.150
2N2396	NS 909	50	TII	60	40	5.0	.300	.450	A	200	J	50.000	G	10NA	30	80	.150
2N2397	NS 911	51	SYL	35	15	5.0	.200	.300	A	200	J	200.000	G	100NA	15	93	.010
2N2398	PG 217	12	SPR,HUG,PHL	20	20S	.5	.050	.060	A	100	J	990.000	F	10μA	10	10	.002
2N2399	PG 217	12	SPR,HUG,PHL	20	20S	.5	.050	.060	A	100	J	VHFCON		10μA	10	10	.002
2N2400	PG 210	18	SPR,HUG,PHL	12	7	1.0	.100	.150	A	100	S	150.000	G	3μA	5	30	.010
2N2401	PG 210	18	SPR,HUG,PHL	15	10	1.5	.100	.150	A	100	S	200.000	G	2μA	5	50	.010
2N2402	PG 210	18	SPR,HUG,PHL	18	12	2.0	.100	.150	A	100	S	250.000	G	2μA	5	60	.010
2N2405	NS 211	5	TRW,RCA,RAY,MOT,HUG,STI	120	90	7.0	1.000	1.000	A	200	J	200.000	G	10μA	90	130	.150
2N2410	NS 211	5	MOT,SES,RAY,TEC,HUG,STI	60	30	5.0	.800	.800	A	200	J	200.000	G	300NA	30	75	.150
2N2410/51	NS 909	51	SYL	60	30	5.0	.800	.800	A	200	J	200.000	G	300NA	30	70	
2N2411	PS 211	18	TII,TEC,HUG,TIL,STI	25	20	5.0	.100	.300	A	200	J	140.000	G	10NA	25	40	.010
2N2412	PS 211	18	TII,TEC,HUG,TIL,STI	25	20	5.0	.100	.300	A	200	J	140.000	G	10NA	25	80	.010
2N2413	NS 211	18	TII	40	18	5.0	.200	.300	A	200	S	300.000	G	100NA	20	75	.010
2N2414	NS 260 B		FSC	60	28	5.0	.500	.500	A	200	J	50.000	G	25NA	60	150	.010
2N2415	PG 217	72	TII,MOT	15	10	.3	.020	.075	A	100	J	500.000	G	5μA	10	105	.002
2N2416	PG 217	72	TII,MOT	15	10	.3	.020	.075	A	100	J	400.000	G	5μA	10	104	.002
2N2423	PG 605	3	SOL,CLE	100	80R	30.0	5.000	90.000	C	100	J	.003	E	5MA	100	60	2.000
2N2424	PS 210	5	CRY	40	5	20.0	.050	.375	A	160	S	15.000	B	100NA	30	115	.005
2N2425	PS 210	5	CRY	50	10	30.0	.050	.375	A	160	S	10.000	B	100NA	30	68	.005
2N2426	NG 210	5	SYL	40	25R	20.0	.200	.150	A	100	S	.025	E	20μA	40	80	.001
2N2427	NS 211	18	TEC,HUG,STI	40	40	4.0	.050	.500	A	200	S	50.000	G	500NA	40	35	.001
2N2428	PG 120	1	AMP	32	32S	10.0	.100	.500	A	75	S	.020	E	10μA	10	100	.002
2N2429	PG 120	1	AMP	32	32S	10.0	.100	.500	A	75	S	.020	E	10μA	10	183	.002
2N2430	NG 120	1	AMP	32	32R	10.0	.300	.280	A	75	S	.025	E	10μA	10	135	.100
2N2431	PG 120	1	AMP	32	32R	10.0	1.000	.550	A	90	S	.015	E	10μA	10	118	.300
2N2432	NS 211	18	TII,NSC,TEC,HUG,CRY,TIL	30	30	15.0	.100	.300	A	200	S	20.000	G	10NA	25	50	.001
2N2432A	NS 211	18	TII,TEC,HUG,CRY,TIL	45	45	18.0	.100	.300	A	175	J	20.000	G	10NA	40	100	.001
2N2433	NS 211	46	TRW,CDC	75	45	7.0	1.000	3.000	C	200	J	80.000	G	1NA	60	80	.150
2N2434	NS 211	46	TRW,CDC	75	45	7.0	1.000	3.000	C	200	J	90.000	G	1NA	60	200	.150
2N2435	NS 211	46	TRW,CDC	120	80	7.0	.500	3.000	C	200	J	80.000	G	1NA	90	80	.150
2N2436	NS 211	46	TRW,CDC	120	80	7.0	.500	3.000	C	200	J	90.000	G	1NA	90	200	.150
2N2437	NS 211	46	TRW,CDC	100	75	7.0	.500	3.000	C	200	J	70.000	G	1NA	75	15	.010
2N2438	NS 211	46	TRW,CDC	100	75	7.0	.500	3.000	C	200	J	80.000	G	1NA	75	35	.010
2N2439	NS 211	46	TRW,CDC	100	75	7.0	.500	3.000	C	200	J	90.000	G	1NA	75	75	.010
2N2440	NS 211	5	TRW,HUG,CDC	120	80	7.0	.500	3.000	C	200	J	90.000	G	1NA	90	200	.150
2N2443	NS 211	5	TRW,HUG,FSC,STI	120	100	7.0		.800	A	200	J	50.000	G	10NA	90	100	.050
2N2444	PG 605	3	GPD,BEN	80	80	1.0	10.000	85.000	C	110	S	4.500	G	20MA	80	105	3.000
2N2445	PG 607	41	SOL,HUG,BEN	100	50	50.0	15.000	90.000	C	100	S	.100	G	200μA	2	45	10.000
2N2446	PG 605	3	CLE	60	50S	20.0	7.000	90.000	C	100	C	.003	E	2MA	60	30	5.000
2N2447	PG 295 A		RAY,GIC	45	24	12.0	.100	.075	A	85	S			10μA	20		
2N2448	PG 315 A		RAY	45	24	12.0	.100	.075	A	85	A	1.000	B	10μA	20	50	
2N2449	PG 295 A		RAY	35	20	12.0	.100	.075	A	85	A	1.200	B	10μA	20	100	
2N2450	PG 315 A		RAY	35	20	12.0	.100	.075	A	85	A	1.200	B	10μA	20	100	
2N2451	PG 116	24	SPR,HUG	6	5	6.0	.050	.025	A	85	S	HS SW	G	5μA	6	50	.010
2N2453	NS 260 B		AML	60	30	7.0	.050	.200	A	200	J	DUO	G	5NA	50	375	.001
2N2453A	NS 260 B		AML	80	50	7.0	.050	.200	A	200	J	60.000	G	5NA	60	375	.001
2N2455	PG 211	18	SYL	15	8	2.5	.200	.150	A	100	S	600.000	G	2μA	6	60	.002
2N2456	PG 211	18	SYL	15	8	2.5	.200	.150	A	100	S	1000.000	G	2μA	6	60	.002
2N2459	NS 211	46	SSD,SOL	100	60	8.0	.050	.400	A	200	S	100.000	G	2NA	80	25	.005
2N2460	NS 211	46	SSD,SOL,HUG	100	60	8.0	.050	.400	A	200	S	120.000	G	2NA	80	50	.005
2N2461	NS 211	46	SSD,SOL,HUG	100	60	8.0	.050	.400	A	200	S	140.000	G	2NA	80	100	.005
2N2462	NS 211	46	SSD,SOL,HUG	100	60	8.0	.050	.400	A	200	S	160.000	G	2NA	80	150	.005
2N2463	NS 211	18	SOL,HUG,SSD	100	60	8.0	.050	.500	A	200	S	100.000	G	2NA	80	25	.005
2N2464	NS 211	18	SSD,SOL,HUG	100	60	8.0	.050	.500	A	200	S	120.000	G	2NA	80	50	
2N2465	NS 211	18	SSD,SOL,HUG,STI	100	60	8.0	.050	.500	A	200	S	140.000	G	2NA	80	100	.005
2N2466	NS 211	18	SSD,SOL,HUG,STI	100	60	8.0	.050	.500	A	200	S	160.000	G	2NA	80	150	.005
2N2467	PG 211	5	SOL,BEN	60	30	1.5	3.000	5.000	C	110	S	20.000	G	10MA	60	60	.500
2N2468	PG 211	5	SOL,BEN	100	60	1.5	3.000	5.000	C	110	S	20.000	G	10MA	100	60	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2469	PG 211	5	SOL,BEN	200	100	1.5	3.000	5.000	C	110	S	20.000	G	10MA	200	60	.500
2N2472	NS 635 B		GEC	120	100	10.0	1.000	1.000	A	175	S	10.000	G	50µA	120	60	.200
2N2473	NS 676 A		GEC	120	100	10.0	1.000	1.000	A	175	S	10.000	G	50µA	120	60	.200
2N2474	PS 229	5	CRY	30	15	30.0	.050	.250	A	160	S	.500	B	100NA	30	12	.001
2N2475	NS 211	18	RCA,TEC,FSC,HUG,STI	15	6	4.0		.300	A	200	S	600.000	G	50NA	5	90	.020
2N2475/46	NS 210	46	SYL	15	6	4.0		.300	A	200	J	600.000	G	50NA	5	70	
2N2475/51	NS 909	51	SYL	15	6	4.0		.300	A	200	J	600.000	G	50NA	5	70	
2N2476	NS 211	5	RCA,SPR,RAY,MOT,HUG,FSC	60	20	5.0		.600	A	200	S	250.000	G	200NA	30	20	.150
2N2477	NS 211	5	RCA,SPR,RAY,MOT,HUG,FSC	60	20	5.0		.600	A	200	S	250.000	G	200NA	30	40	.150
2N2478	NS 211	5	PHL	120	40	5.0	.500	.600	A	175	J	200.000	G	2µA	60	30	.150
2N2479	NS 211	5	RAY,PHL	80	40	5.0	.500	.600	A	175	J	150.000	G	4µA	40	75	.150
2N2480	NS 260 B		GEC,ITT	75	40	5.0	.500	.300	A	200	J	50.000	G	50NA	60	190	.001
2N2480A	NS 260 B		GEC,ITT	80	40	5.0	.500	.300	A	200	J	50.000	G	20NA	60	125	.001
2N2481	NS 211	18	ITT,RAY,MOT,TII,HUG,STI	40	15	5.0	.500	.360	A	200	J	300.000	G	50NA	20	70	.010
2N2482	NG 211	18	RCA	20	12	3.0	.100	.150	A	100	S	600.000	G	5µA	6	113	.002
2N2483	NS 211	18	FSC,RAY,GIC,TII,SES,NSC	60	60	6.0	.050	.360	A	200	J	60.000	G	10NA	45	175	.001
2N2484	NS 211	18	FSC,RAY,GEC,TII,SES,GIC	60	60	6.0	.050	.360	A	200	J	60.000	G	10NA	45	250	.001
2N2484A	NS 211	18	RAY,SOL	60	60	6.0		.360	A	200	J	60.000	G	10NA	45	225	.001
2N2485			SEE RF POWER SECTION														
2N2486			SEE RF POWER SECTION														
2N2487	PG 210	18	SPR,HUG	15	10	2.0	.100	.060	A	100	S	360.000	G	3µA	5	40	.010
2N2488	PG 210	18	SPR,HUG	15	10	4.0	.100	.060	A	100	S	360.000	G	3µA	5	40	.050
2N2489	PG 210	18	SPR,HUG	20	15	2.0	.100	.060	A	100	S	300.000	G	3µA	15	40	.010
2N2490	PG 405	36	DEL,MOT,GPD,TSE	70	60S	40.0	12.000	170.000	C	110	S	.005	E	200µA	2	30	5.000
2N2491	PG 405	36	DEL,MOT,ETC,GPD,TSE	60	50S	30.0	12.000	170.000	C	110	S	.005	E	200µA	2	53	5.000
2N2492	PG 405	36	DEL,MOT,ETC,GPD,TSE	80	70S	60.0	12.000	170.000	C	110	S	.005	E	200µA	2	38	5.000
2N2493	PG 405	36	DEL,MOT,ETC,TSE	100	85S	80.0	12.000	170.000	C	110	S	.005	E	200µA	2	38	5.000
2N2495	PG 217	12	AMP	40	40S	1.0	.010	.125	A	100	S	135.000	G	6µA	6	25	1.000
2N2496	PG 218	72	AMP	35		.5	.010	.100	A	85	J	135.000	G	6µA	12	60	
2N2501	NS 211	18	GIC,TEC,MOT	40	20	6.0		.360	A	200	J	350.000	G	25NA	20	100	.010
2N2509	NS 211	18	AML,GIC,ITT,RAY,NSC,TEC	125	80	7.0	.200	.360	A	200	J	45.000	G	5NA	100	80	.010
2N2510	NS 211	18	AML,GIC,ITT,RAY,NSC,TEC	100	65	7.0	.030	.360	A	175	J	45.000	G	5NA	80	325	.010
2N2511	NS 211	18	AML,GIC,ITT,RAY,NSC,TEC	80	50	7.0	.030	.360	A	175	J	45.000	G	5NA	60	495	.010
2N2512	PG 217	12	AMP	70	70S		.050	.260	A	75	J	125.000	G	5µA	1	200	.010
2N2514	NS 211	46	SOL,SSD	80	60	6.0	.100	.400	A	200	S	30.000	G	5NA	50	33	.005
2N2515	NS 211	46	SSD,SOL,HUG	80	60	6.0	.100	.400	A	200	S	60.000	G	5NA	50	65	.005
2N2516	NS 211	46	SSD,SOL,HUG	80	60	8.0	.100	.400	A	200	S	100.000	G	5NA	50	130	.005
2N2517	NS 211	46	SOL,SSD	125	80	8.0	.050	.400	A	200	S	30.000	G	5NA	80	33	.005
2N2518	NS 211	46	SSD,SOL,HUG	125	80	8.0	.050	.400	A	200	S	60.000	G	5NA	80	65	.005
2N2519	NS 211	46	SSD,SOL,HUG	125	80	8.0	.050	.400	A	200	S	100.000	G	5NA	80	130	.005
2N2520	NS 211	46	SOL,SSD,HUG	60	60	8.0	.100	.400	A	200	S	50.000	B	5NA	45	12	.001
2N2521	NS 211	46	SSD,SOL,HUG	60	60	8.0	.100	.400	A	200	S	50.000	B	5NA	45	25	.001
2N2522	NS 211	46	SSD,SOL,HUG	60	60	8.0	.100	.400	A	200	S	50.000	B	5NA	45	50	.001
2N2523	NS 211	46	SSD,SOL,HUG	60	45	6.0	.030	.400	A	300	S	45.000	G	2NA	45	350	.010
2N2524	NS 211	46	SSD,SOL,HUG	60	45	6.0	.030	.400	A	300	S	45.000	G	2NA	45	600	.010
2N2525			SEE RF POWER SECTION														
2N2526	PG 605	3	MOT	80	80	5.0	10.000	85.000	C	110	S	.300	G	3MA	80	36	3.000
2N2527	PG 605	3	MOT	120	120	5.0	10.000	85.000	C	110	S	.300	G	3MA	120	36	3.000
2N2528	PG 605	3	MOT	160	160	5.0	10.000	85.000	C	110	S	.300	G	3MA	160	36	3.000
2N2529	NS 210	18	TII	45	40	2.0	.025	.150	A	175	S	18.000	B	50NA	30	15	.001
2N2530	NS 210	18	TII	45	40	2.0	.025	.150	A	175	S	30.000	B	50NA	30	24	.001
2N2531	NS 210	18	TII	45	40	2.0	.025	.150	A	175	S	36.000	B	50NA	30	50	.001
2N2532	NS 210	18	TII	45	40	2.0	.025	.150	A	175	S	43.000	B	50NA	30	115	.001
2N2533	NS 210	18	TII	45	40	2.0	.025	.150	A	175	S	30.000	B	50NA	30	38	.010
2N2534	NS 210	18	TII	45	40	2.0	.025	.150	A	175	S	45.000	B	50NA	30	98	.010
2N2535	PG 561	210 MA	RCA	60	30	20.0	3.000	1.000	A	100	S	.008	E	250µA	60	80	.400
2N2536	PG 561	210 MA	RCA	80	40	20.0	3.000	1.000	A	100	S	.008	E	250µA	80	80	.400
2N2537	NS 211	5	TII,TRW,MOT,TEC,HUG,TIL	60	30	5.0	.800	.800	A	200	J	250.000	G	250NA	40	100	.150
2N2538	NS 211	5	TII,TRW,MOT,TEC,HUG,TIL	60	30	5.0	.800	.800	A	200	J	250.000	G	250NA	40	200	.150
2N2539	NS 211	18	TII,TRW,MOT,TEC,HUG,TIL	60	30	5.0	.800	.500	A	200	J	250.000	G	250NA	40	100	.150
2N2540	NS 211	18	TII,TRW,MOT,TEC,HUG,TIL	60	30	5.0	.800	.500	A	200	J	250.000	G	250NA	40	200	.150
2N2541	PG 210	5	RAY	30	14	12.0	1.000	.215	A	100	S	10.000	B	5µA	12	155	.050
2N2551	PS 210	5	SOL,HUG	150	150	150.0		.400	A	200	S	.800	B	100NA	100	30	.100
2N2552	PG 541 B		GPD,TII,MOT,KSC	40	40X	20.0	3.000	20.000	C	100	S	.225	G	125µA	20	40	1.000
2N2553	PG 541 B		GPD,TII,MOT,KSC	60	60X	20.0	3.000	20.000	C	100	S	.225	G	125µA	30	40	1.000
2N2554	PG 541 B		GPD,TII,MOT,KSC	80	80X	20.0	3.000	20.000	C	100	S	.225	G	125µA	40	40	1.000
2N2555	PG 541 B		GPD,TII,MOT,KSC	100	100X	20.0	3.000	20.000	C	100	S	.225	G	125µA	50	40	1.000
2N2556	PG 541 A		GPD,TII,MOT,KSC	40	40X	20.0	3.000	20.000	C	100	S	.225	G	125µA	20	40	1.000
2N2557	PG 541 A		GPD,TII,MOT,KSC	60	60X	20.0	3.000	20.000	C	100	S	.225	G	125µA	30	40	1.000
2N2558	PG 541 A		GPD,TII,MOT,KSC	80	80X	20.0	3.000	20.000	C	100	S	.225	G	125µA	40	40	1.000
2N2559	PG 541 A		GPD,TII,MOT,KSC	100	100X	20.0	3.000	20.000	C	100	S	.225	G	125µA	50	40	1.000
2N2560	PG 541 B		GPD,TII,MOT,KSC	40	40X	20.0	3.500	20.000	C	100	S	.250	G	125µA	20	40	3.000
2N2561	PG 541 B		GPD,TII,MOT,KSC	60	60X	20.0	3.500	20.000	C	100	S	.250	G	125µA	30	40	3.000
2N2562	PG 541 B		GPD,TII,MOT,KSC	80	80X	20.0	3.500	20.000	C	100	S	.250	G	125µA	40	40	3.000
2N2563	PG 541 B		GPD,TII,MOT,KSC	100	100X	20.0	3.500	20.000	C	100	S	.250	G	125µA	50	40	3.000
2N2564	PG 211	5	GPD,TII,MOT,KSC	40	40X	20.0	3.500	20.000	C	100	S	.250	G	125µA	20	40	3.000
2N2565	PG 211	5	GPD,TII,MOT,KSC	60	60X	20.0	3.500	20.000	C	100	S	.250	G	125µA	30	40	3.000
2N2566	PG 211	5	GPD,TII,MOT,KSC	80	80X	20.0	3.500	20.000	C	100	S	.250	G	125µA	40	40	3.000
2N2567	PG 211	5	GPD,TII,MOT,KSC	100	100X	20.0	3.500	20.000	C	100	S	.250	G	125µA	50	40	3.000
2N2568			SEE RF POWER SECTION														
2N2569	NS 211	18	AMP,AME	20	5	5.0	.100	.300	A	200	S	100.000	G	10NA	15	100	
2N2570	NS 211	18	AMP,AME	20	5	5.0	.100	.300	A	200	S	100.000	G	10NA	15	100	
2N2571	NS 211	18	AME	20	15	15.0	.500	.300	A	300	S	100.000	G	10NA	15	50	.100
2N2572	NS 211	18	AME	20	15	15.0	.500	.300	A	300	S	100.000	G	10NA	15	50	.100
2N2580	NS 405	36	DEL	400	400	5.0	10.000	150.000	H	150	C	2.000	G	250µA	400	13	10.000
2N2580M	NS 405	36	DEL	400	400	5.0	10.000	150.000	H			2.500	G	5MA	400	20	5.000
2N2581	NS 405	36	DEL	400	400	5.0	10.000	150.000	H	150	C	2.000	G	250µA	400	13	10.000
2N2582	NS 405	36	DEL	500	500	5.0	10.000	150.000	H	150	C	2.000	G	250µA	500	13	10.000
2N2583	NS 405	36	DEL	500	500	5.0	10.000	150.000	H	150	C	2.000	G	250µA	400	13	10.000
2N2584	NS 405	36	DEL	600	600	5.0	5.000	150.000	H	150	C	.030	E	5MA	600	25	5.000
2N2585	NS 405	36	DEL	600	600	5.0	10.000	150.000	H	150	C	.030	E	5MA	600	45	5.000
2N2586	NS 211	18	ITT,TII,RAY,NSC,SOL,TEC	60	45	6.0	.030	.300	A	175	J	45.000	G	2NA	45	300	.010
2N2587	PG 211	18	MOT	30	15	.7	.100	.150	A	100	S	1000.000	G	5µA	15	58	.008
2N2588	PG 285 A		TII	40	20	1.0	.030	.150	A	100	S	111.500	G	3µA	12	100	.001
2N2589	NS 412	82	STC	150	150	25.0	7.000	85.000	H	200	S	.250	G	2MA	150	34	7.000
2N2590	PS 211	46	SOL,SSD,HUG	100	60	7.0	.050	.400	A	200	J	50.000	G	25NA	80	30	.001
2N2591	PS 211	46	SOL,SSD,HUG	100	60	7.0	.050	.400	A	200	J	70.000	G	25NA	80	53	.001
2N2592	PS 211	46	SOL,SSD,HUG	100	60	7.0	.050	.400	A	200	J	90.000	G	25NA	80	105	.001
2N2593	PS 211	46	SOL,SSD,HUG	100	60	7.0	.050	.400	A	200	J	110.000	G	25NA	80	150	.001
2N2594	NS 211	5	TRW,TEC,HUG,RCA	80	80	7.0	1.000	5.000	C	200	J	40.000	G	100NA	60	100	.100
2N2595	PS 211	46	SOL,HUG,SSD	80	60	6.0	.050	.400	A	200	J	30.000	G	25NA	50	38	.005
2N2596	PS 211	46	SOL,SSD,HUG	80	60	6.0	.050	.400	A	200	J	40.000	G	25NA	50	75	.005
2N2597	PS 211	46	SOL,SSD,HUG	80	60	6.0	.050	.400	A	200	J	60.000	G	25NA	50	150	.005
2N2598	PS 211	46	SES,SOL,TEC,HUG,SSD	125	80	7.0	.050	.400	A	200	J	30.000	G	25NA	80	38	.005
2N2599	PS 211	46	SES,SOL,SSD,TEC,HUG	125	80	7.0	.050	.400	A	200	J	40.000	G	25NA	80	75	.005

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2599A	PS 211	46	SOL,SSD,HUG	125	100	7.0	.050	.400	A	200	J	40.000	G	25NA	80	60	.005
2N2600	PS 211	46	SES,SOL,SSD,TEC,HUG	125	80	7.0	.050	.400	A	200	J	60.000	G	25NA	80	150	.005
2N2600A	PS 211	46	SOL,SSD,HUG	125	100	7.0	.050	.400	A	200	J	60.000	G	25NA	80	120	.005
2N2601	PS 211	46	SOL,SSD,HUG	60	60	6.0	.050	.400	A	200	J	20.000	G	25NA	45	12	.001
2N2602	PS 211	46	SOL,SSD,HUG	60	60	6.0	.050	.400	A	200	J	40.000	G	25NA	45	25	.001
2N2603	PS 211	46	SOL,SSD,HUG	60	60	6.0	.050	.400	A	200	J	60.000	G	25NA	45	50	.001
2N2604	PS 211	46	TII,GIC,NSC,SOL,SSD,TEC	60	45	6.0	.030	.400	A	200	J	30.000	G	10NA	45	80	.010
2N2605	PS 211	46	RAY,TII,GIC,NSC,SOL,SSD	60	45	6.0	.030	.400	A	200	J	30.000	G	10NA	45	200	.010
2N2605A	PS 211	46	SOL,SSD,HUG	60	45	6.0	.030	.400	A	200	J	45.000	G	2NA	45	225	.001
2N2610	NS 10 F		TEC,HUG	45	40	1.0	.025	.150	A	150	S			2μA	30	14	.001
2N2611	NS 635 B		GEC	120	100	10.0	1.000	15.000	C	175	S	4.000	G	50μA	120	22	.200
2N2612	PG 605	3	GPD	65	30	30.0	15.000	75.000	C	100	S	.002	E	15MA	65	168	10.000
2N2613	PG 210	5	ETC	30	25R	25.0	.050	.120	A	100	S	10.000	B	5μA	12	200	
2N2613+	PG 120	1	RCA	30	25R	25.0	.050	.120	A	100	J	4.000	B	5NA	20	200	
2N2614	PG 120	1	RCA	40	35R	25.0	.050	.120	A	100	S	4.000	B	5μA	20	110	
2N2615	NS 211	18	HUG,FSC	30	15	3.0		.300	A	200	J	500.000	G	1NA	15	110	.003
2N2616	NS 211	18	HUG,FSC	30	15	3.0	.050	.300	A	200	J	600.000	G	10NA	15	110	.003
2N2617	PS 60 A		AMP	25		20.0	.100	.250	A	150	S	LP AF		100NA	6	48	.020
2N2618	NS 211	5	TRW,SYL	60	40	7.0	.750	.600	A	200	J	200.000	G	250NA	25	25	.010
2N2618/46	NS 211	46	SYL	60	40	7.0	.750	.400	A	250	J	200.000	G	250NA	25	50	
2N2621	PG 210	5	DEL	15		1.0	.100	.150	A	110	S	33.500	G	16μA	12	15	.001
2N2622	PG 210	5	DEL	24		1.0	.100	.150	A	110	S	34.500	G	12μA	12	15	.001
2N2623	PG 210	5	DEL	32		1.0	.100	.150	A	110	S	27.000	G	8μA	12	20	.001
2N2624	PG 210	5	DEL	15		1.0	.100	.150	A	110	S	53.500	G	16μA	12	15	.001
2N2625	PG 210	5	DEL	24		1.0	.100	.150	A	110	S	34.500	G	12μA	12	15	.001
2N2626	PG 210	5	DEL	32		1.5	.100	.150	A	110	S	35.000	G	8μA	12	20	.001
2N2627	PG 210	5	DEL	15		.5	.100	.150	A	110	S	53.500	G	20μA	12	15	.001
2N2628	PG 210	5	DEL	24		.5	.100	.150	A	110	S	37.500	G	14μA	12	15	.001
2N2629	PG 210	5	DEL	32		.5	.100	.150	A	110	S	35.000	G	10μA	12	10	.001
2N2630	PG 211	18	RAY	18	10	4.0	.100	.300	C	100	S	300.000	G	5μA	15	25	.100
2N2631	SEE RF POWER SECTION																
2N2632	NS 561	62	SOL,MHR,HUG	90	60	8.0	5.000	20.000	C	175	J	20.000	G	100NA	60	80	1.000
2N2633	NS 561	62	SOL,MHR,HUG	120	80	8.0	5.000	20.000	C	175	J	20.000	G	100NA	60	80	1.000
2N2634	NS 561	62	SOL,HUG	150	100	8.0	5.000	20.000	C	175	J	20.000	G	100NA	60	80	1.000
2N2635	PG 211	18	TII,MOT	30	15	2.5	.100	.150	A	100	S	150.000	G	5μA	25	173	.050
2N2636	PG 607	41	GPD,BEN	100	60	1.5	25.000	100.000	C	110	J	.600	E	10MA	100	88	10.000
2N2637	PG 607	41	GPD,BEN	100	60	1.5	25.000	100.000	C	110	J	.600	E	10MA	100	88	10.000
2N2638	PG 607	41	GPD,BEN	100	60	1.5	25.000	100.000	C	110	J	.600	E	10MA	100	88	10.000
2N2639	NS 260 B		TII	45	45	5.0	.030	.300	A	200	S	DUO	G	10NA	45	65	.001
2N2640	NS 260 B		TII	45	45	5.0	.030	.300	A	200	S	DUO	G	10NA	45	65	.001
2N2641	NS 260 B		TII	45	45	5.0	.030	.300	A	200	S	DUO	G	10NA	45	65	.001
2N2642	NS 260 B		TII	45	45	5.0	.030	.300	A	200	S	DUO	G	10NA	45	130	.001
2N2643	NS 260 B		TII	45	45	5.0	.030	.300	A	200	S	DUO	G	10NA	45	130	.001
2N2644	NS 260 B		TII	45	45	5.0	.030	.300	A	200	S	DUO	G	10NA	45	130	.001
2N2645	NS 211	18	SES,RAY,FSC	75	50R	7.0		.500	A	200	J	50.000	G	10NA	60	200	.150
2N2648	PG 211	5	GIC	35	25X	30.0	1.000	.300	A	100	J	10.000	G	100μA	35	290	1.000
2N2649	SEE RF POWER SECTION																
2N2650	SEE RF POWER SECTION																
2N2651	NS 211	18	FSC,PHL	40	20	5.0	.500	.360	A	200	J	350.000	G	30NA	20	37	.010
2N2652	NS 260 B		GEC	100	60	7.0	.500	.300	A	200	J	60.000	G	10NA	50	125	.001
2N2652A	NS 260 B		GEC,MOT,FSC	100	60	7.0	.500	.300	A	200	J	DUO	G	2NA	50	125	.001
2N2654	PG 217	12	AMP	25	32S	.5	.010	.100	A	75	S	125.000	G	8μA	10	25	.001
2N2655	NS 211	5	GEC	100	100	8.0	.500	15.000	C	200	S	4.000	E	100μA	100	60	.200
2N2656	NS 211	18	TRW	25	15	5.0	.200	.360	A	200	J	250.000	G	500NA	15	66	.001
2N2657	NS 211	5	SOL,UNI,STC,PPC,NSC,HUG	80	60	8.0	5.000	1.250	A	200	J	20.000	G	100NA	60	80	1.000
2N2658	NS 211	5	SOL,UNI,STC,PPC,NSC,HUG	100	80	8.0	5.000	1.250	A	200	J	20.000	G	100NA	60	80	1.000
2N2659	PG 211	11	TII,KSC,GPD	50	50X	20.0	3.000	15.000	C	100	J	.280	G	125μA	25	60	.500
2N2660	PG 211	11	TII,KSC,GPD	70	70X	20.0	3.000	15.000	C	100	J	.280	G	125μA	35	60	.500
2N2661	PG 211	11	TII,KSC,GPD	90	90X	20.0	3.000	15.000	C	100	J	.280	G	125μA	45	60	.500
2N2662	PG 541 B		TII,KSC,GPD	50	50X	20.0	3.000	15.000	C	100	J	.280	G	125μA	25	60	.500
2N2663	PG 541 B		TII,KSC,GPD	70	70X	20.0	3.000	15.000	C	100	J	.280	G	125μA	35	60	.500
2N2664	PG 541 B		TII,KSC,GPD	90	90X	20.0	3.000	15.000	C	100	J	.280	G	125μA	45	60	.500
2N2665	PG 211	11	TII,KSC,GPD	50	50X	20.0	3.000	15.000	C	100	J	.300	G	125μA	25	100	.500
2N2666	PG 211	11	TII,KSC,GPD	70	70X	20.0	3.000	15.000	C	100	J	.300	G	125μA	35	100	.500
2N2667	PG 211	11	TII,KSC,GPD	90	90X	20.0	3.000	15.000	C	100	J	.300	G	125μA	45	100	.500
2N2668	PG 541 B		TII,KSC,GPD	50	50X	20.0	3.000	15.000	C	100	J	.300	G	125μA	25	100	.500
2N2669	PG 541 B		TII,KSC,GPD	70	70X	20.0	3.000	15.000	C	100	J	.300	G	125μA	35	100	.500
2N2670	PG 541 B		TII,KSC,GPD	90	90X	20.0	3.000	15.000	C	100	J	.300	G	125μA	45	100	.500
2N2671	PG 217	12	AMP	25	14	1.0	.010	.100	A	75	S	44.000	G	8μA	6	40	.001
2N2672	PG 210	39	AMP	25	14	1.0	.010	.100	A	90	S	44.000	G	8μA	6	40	.001
2N2672A	PG 210	39	AMP	32	32S	2.0	.010	.100	A	90	S			8μA	6	40	.001
2N2673	NS 210	46	GEC	60	45	3.0	.025	.250	A	200	S	21.000	B	100NA	30	15	.001
2N2674	NS 210	46	GEC	60	45	3.0	.025	.250	A	200	S	22.500	B	100NA	30	26	.001
2N2675	NS 210	46	GEC	60	45	3.0	.025	.250	A	200	S	25.000	B	100NA	30	49	.001
2N2676	NS 210	46	GEC	60	45	3.0	.025	.250	A	200	S	25.000	B	100NA	30	168	.001
2N2677	NS 210	46	GEC	45	35	2.0	.025	.250	A	200	S	30.000	B	100NA	30	38	.010
2N2678	NS 210	46	GEC	45	35	2.0	.025	.250	A	200	S	45.000	B	100NA	30	100	.010
2N2691	PG 607	41	GPD,BEN	100	80	1.5	20.000	100.000	C	110	S	6.000	G	5MA	100	65	20.000
2N2691A	PG 607	41	GPD	120	80	1.5	20.000	170.000	C	110	J	.010	E	5MA	120	75	20.000
2N2692	NS 211	18	TII	45	30	10.0	.050	.300	A	200	S	42.000	G	10NA	25	200	
2N2693	NS 211	18	TII	45	30	10.0	.050	.300	A	200	S	42.000	G	10NA	25	120	
2N2694	NS 211	18	TII	45	20	10.0	.050	.300	A	200	S	42.000	G	10NA	25	60	
2N2695	PS 211	46	RAY,TEC,MOT,HUG,FSC,TIL	25	25	4.0	.500	.360	A	200	J	100.000	G	25NA	10	80	.050
2N2696	PS 211	18	RAY,TEC,HUG,FSC,ITT,TIL	25	25	4.0	.500	.360	A	200	J	100.000	G	25NA	10	80	.050
2N2697	NS 490 A		SOL,MHR,HUG	80	60	8.0	5.000	10.000	H	200	J	20.000	G	100NA	60	80	1.000
2N2698	NS 490 A		SOL,MHR,HUG	100	80	8.0	5.000	10.000	H	200	J	20.000	G	100NA	60	80	1.000
2N2699	PG 210	18	PHL	15	8	4.0	.100	.150	A	100	J	300.000	G	3μA	6	120	.010
2N2706	PG 120	1	AMP	32	32S	10.0	.200	.500	A	75	S	2.450	B	10μA	5	93	.020
2N2707	M.P.2N2706,2N2430																
2N2708	NS 217	72	RCA,RAY,GIC,HUG	35	20	3.0	.500	.200	A	200	S	950.000	G	10NA	15	115	.002
2N2709	PS 210	5	RAY	50	35	20.0	.050	.240	A	160	S	.200	B	1μA	30	16	
2N2710	NS 211	18	MOT,ITT	40	20	5.0	.500	.360	A	200	J	500.000	G	30μA	20	60	.010
2N2711	NS 45	98	GEC,SPR,HUG	18	18	5.0	.100	.200	A	125	S	200.000	G	500NA	18	60	2.000
2N2712	NS 45	98	SPR,HUG,GEC	18	18	5.0	.100	.200	A	125	S	300.000	G	500NA	18	150	2.000
2N2713	NS 45	98	GEC,SPR,SES,HUG	18	18	5.0	.200	.200	A	125	S	150.000	G	500NA	18	60	2.000
2N2714	NS 45	98	GEC,SPR,SES,HUG	18	18	5.0	.200	.200	A	125	S	200.000	G	500NA	18	150	2.000
2N2715	NS 45	98	GEC	18	18	5.0	.050	.200	A	125	S	100.000	G	500NA	18	60	2.000
2N2716	NS 45	98	GEC	18	18	5.0	.050	.200	A	125	S	150.000	G	500NA	18	150	2.000
2N2717	PG 210	18	AMP	20	15	2.5	.030	.100	A	90	S	300.000	G			50	.030
2N2718	PG 211	5	MOT	20	12	3.5	.400	.240	A	100	S	150.000	G	7μA	5	25	.170
2N2719	NS 211	18	SYL	25	8	3.0	.200	.300	A	175	J	200.000	G	100NA	15	30	.060
2N2720	NS 260 B		SSD	80	60	6.0	.040	.300	A	200	S	DUO	G	10NA	60	35	.001
2N2721	NS 260 B		SSD	80	60	6.0	.040	.300	A	200	S	DUO	G	10NA	60	35	.001
2N2722	NS 260 B		SSD	45	45	5.0	.040	.300	A	200	S	DUO	G	1NA	30	100	
2N2726	NS 211	5	TEC,HUG,GEC,STI	200	200R	10.0	.500	1.000	A	200	S	5.000	G	1μA	100	60	.200

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2727	NS 211	5	TEC,HUG,STI,GEC	200	200R	10.0	.500	1.000	A	200 S	5.000	G	1μA	100	113	.200
2N2728	PG 405	36	MOT	15	5	15.0	50.000	170.000	C	110 S	.003	E	10MA	15	85	20.000
2N2729	NS 211	46	FSC	30	15	3.0	.050	.300	A	200 J	600.000	G	10NA	15	50	.003
2N2730	PG 405	36	GPD,HUG,MHR	80	60	30.0	65.000	80.000	H	110 S	.200	G	5MA	80	70	25.000
2N2731	PG 405	36	GPD,HUG,MHR	60	45	30.0	65.000	80.000	H	110 S	.200	G	5MA	60	70	25.000
2N2732	PG 405	36	GPD,HUG,MHR	40	30	20.0	65.000	80.000	H	110 S	.200	G	5MA	40	70	25.000
2N2733	PG 176 E		GPD,HUG,MHR	80	60	30.0	65.000	66.000	H	110 S	.200	G	5MA	80	70	25.000
2N2734	PG 176 E		GPD,HUG,MHR	60	45	30.0	65.000	66.000	H	110 S	.200	G	5MA	60	70	25.000
2N2735	PG 176 E		GPD,MHR	40	30	20.0	65.000	66.000	H	110 S	.200	G	5MA	40	70	25.000
2N2736	PG 571 A		GPD,HUG,MHR	80	60	30.0	65.000	66.000	H	110 S	.200	G	5MA	80	70	25.000
2N2737	PG 571 A		GPD,HUG,MHR	60	45	30.0	65.000	66.000	H	110 S	.200	G	5MA	60	70	25.000
2N2738	PG 571 A		GPD,HUG,MHR	40	30	20.0	65.000	66.000	H	110 S	.200	G	5MA	40	70	25.000
2N2739	NS 412	82	WHE,ETC,SPC,SEN	50	50	15.0	20.000	200.000	H	175 S	.025	G	5MA	50	15	10.000
2N2740	NS 412	82	WHE,ETC,SPC,SEN	100	100	15.0	20.000	200.000	H	175 S	.025	G	5MA	100	15	10.000
2N2741	NS 412	82	WHE,ETC,SPC,SEN	150	150	15.0	20.000	200.000	H	175 S	.025	G	5MA	150	15	10.000
2N2742	NS 412	82	WHE,ETC,SPC,SEN	200	200	15.0	20.000	200.000	H	175 S	.025	G	5MA	200	15	10.000
2N2743	NS 412	82	WHE	250	250	15.0	20.000	200.000	H	175 S	.025	G			15	10.000
2N2744	NS 412	82	WHE	300	300	15.0	20.000	200.000	H	175 S	.025	G			15	10.000
2N2745	NS 412	82	WHE,SPC,SEN	50	50	15.0	20.000	200.000	H	175 S	.020	G	30MA	50	15	15.000
2N2746	NS 412	82	WHE,SPC,SEN	100	100	15.0	20.000	200.000	C	175 S	.020	G	30MA	100	15	15.000
2N2747	NS 412	82	WHE,SPC,SEN	150	150	15.0	20.000	200.000	H	175 S	.020	G	30MA	150	15	15.000
2N2748	NS 412	82	WHE,SPC,SEN	200	200	15.0	20.000	200.000	H	175 S	.020	G	30MA	200	15	15.000
2N2749	NS 412	82	WHE	250	250	15.0	20.000	200.000	H	175 S	.020	G			15	15.000
2N2750	NS 412	82	WHE	300	300	15.0	20.000	200.000	H	175 S	.020	G			15	15.000
2N2751	NS 412	82	WHE,SPC,SEN	50	50	15.0	20.000	200.000	H	175 S	.020	G	30MA	50	15	20.000
2N2752	NS 412	82	WHE,SPC,SEN	100	100	15.0	20.000	200.000	H	175 S	.020	G	30MA	100	15	20.000
2N2753	NS 412	82	WHE,SPC,SEN	150	150	15.0	20.000	200.000	H	175 S	.020	G	30MA	150	15	20.000
2N2754	NS 412	82	WHE,SPC,SEN	200	200	15.0	20.000	200.000	H	175 S	.020	G	30MA	200	15	20.000
2N2755	NS 412	82	WHE	250	250	15.0	20.000	200.000	H	175 S	.020	G			15	20.000
2N2756	NS 412	82	WHE	300	300	15.0	20.000	200.000	H	175 S	.020	G			15	20.000
2N2757	NS 561 F		WHE,SPC,SEN	50	50	15.0	30.000	200.000	C	175 S	.025	G	30MA	50	15	10.000
2N2758	NS 561 F		WHE,SPC,SEN	100	100	15.0	30.000	200.000	H	175 S	.025	G	30MA	150	15	10.000
2N2759	NS 561 F		WHE,SPC,SEN	150	150	15.0	30.000	200.000	H	175 S	.025	G	30MA	150	15	10.000
2N2760	NS 561 F		WHE,SPC,SEN	200	200	15.0	30.000	200.000	H	175 S	.025	G	30MA	150	15	10.000
2N2761	NS 561 F		WHE,SPC,SEN	250	250	15.0	30.000	200.000	H	175 S	.025	G	30MA	150	15	10.000
2N2762	NS 561 F		WHE	300	300	15.0	30.000	200.000	H	175 S	.025	G			15	10.000
2N2763	NS 561 F		WHE,SPC,SEN	50	50	15.0	30.000	200.000	H	175 S	.020	G	30MA	50	15	15.000
2N2764	NS 561 F		WHE,SPC,SEN	100	100	15.0	30.000	200.000	H	175 S	.020	G	30MA	100	15	15.000
2N2765	NS 561 F		WHE,SPC,SEN	150	150	15.0	30.000	200.000	H	175 S	.020	G	30MA	150	15	15.000
2N2766	NS 561 F		WHE,SPC,SEN	200	200	15.0	30.000	200.000	H	175 S	.020	G	30MA	200	15	15.000
2N2767	NS 561 F		WHE	250	250	15.0	30.000	200.000	H	175 S	.020	G			15	15.000
2N2768	NS 561 F		WHE	300	300	15.0	30.000	200.000	H	175 S	.020	G			15	15.000
2N2769	NS 561 F		WHE,SPC,SEN	50	50	15.0	30.000	200.000	H	175 S	.020	G	30MA	50	15	20.000
2N2770	NS 561 F		WHE,SPC,SEN	100	100	15.0	30.000	200.000	H	175 S	.020	G	30MA	100	15	20.000
2N2771	NS 561 F		WHE,SPC,SEN	150	150	15.0	30.000	200.000	H	175 S	.020	G	30MA	150	15	20.000
2N2772	NS 561 F		WHE,SPC,SEN	200	200	15.0	30.000	200.000	H	175 S	.020	G	30MA	200	15	20.000
2N2773	NS 561 F		WHE	250	250	15.0	30.000	200.000	H	175 S	.020	G			15	20.000
2N2774	NS 561 F		WHE	300	300	15.0	30.000	200.000	H	175 S	.020	G			15	20.000
2N2775	NS 561 F		WHE,SPC,SEN	50	50	15.0	30.000	200.000	H	175 S	.020	G	30MA	50	15	25.000
2N2776	NS 561 F		WHE,SPC,SEN	100	100	15.0	30.000	200.000	H	175 S	.020	G	30MA	100	15	25.000
2N2777	NS 561 F		WHE,SPC,SEN	150	150	15.0	30.000	200.000	H	175 S	.020	G	30MA	150	15	25.000
2N2778	NS 561 F		WHE,SPC,SEN	200	200	15.0	30.000	200.000	H	175 S	.020	G	30MA	200	15	25.000
2N2779	NS 561 F		WHE	250	250	15.0	30.000	200.000	H	175 S	.020	G			15	25.000
2N2780	NS 561 F		WHE	300	300	15.0	30.000	200.000	H	175 S	.020	G			15	25.000
2N2781			SEE RF POWER SECTION													
2N2782			SEE RF POWER SECTION													
2N2783			SEE RF POWER SECTION													
2N2784	NS 211	18	TEC,HUG,STI,SYL	15	6	4.0		.300	A	200 J	1000.000	G	5NA	5	80	.010
2N2784/46	NS 210	46	SYL	15	6	4.0		.300	A	200 J	990.000	G	5NA	5	80	
2N2784/51	NS 910	51	SYL	15	6	4.0		.300	A	200 J	990.000	G	5NA	5	80	
2N2785	NS 216	72	GEC	60	40	15.0		.500	A	200 J	MLT	G	50NA	30		.100
2N2786	PG 211	39	AMP	35	32		.150	.260	A	90 J	225.000	G	10μA	10	80	
2N2786A	PG 211	39	AMP	35	34S		.150	1.500	A	90 J	225.000	G	10μA	10	66	
2N2787	NS 210	5	SPR,MOT	75	35		.800	.280	A	200 J	250.000	G	10NA	50	40	
2N2788	NS 210	5	GIC,MOT	75	35	5.0	.800	.800	C	200 J	250.000	G	10NA	50	80	
2N2789	NS 210	5	GIC,MOT	75	35	5.0	.800	.800	C	200 J	250.000	G	10NA	50	200	
2N2790	NS 210	18	SPR,MOT	75	35		.800	.500	C	200 J	250.000	G	10NA	50	40	
2N2791	NS 210	18	GIC,MOT	75	35		.800	.500	C	200 J	250.000	G	10NA	50	80	
2N2792	NS 210	18	GIC,MOT	75	35		.800	.500	C	200 J	250.000	G	10NA	50	200	
2N2793	PG 405	36	MOT	75	60	40.0	.060	170.000	C	110 S	.002	E	20MA	75	100	15.000
2N2795	PG 210	18	SPR,HUG	25	15	2.5	.100	.075	A	100 S	300.000	G	3μA	15	50	.010
2N2796	PG 210	18	SPR,HUG	20	12	2.0	.100	.075	A	100 S	300.000	G	3μA	15	30	.010
2N2797	PG 170	9	SPR	40	20	2.5	.100	.075	A	100 S	150.000	G	2μA	15	50	.010
2N2798	PG 170	9	SPR	60	25	2.5	.100	.075	A	100 S	120.000	G	3μA	15	30	.010
2N2799	PG 170	9	SPR	30	15	2.0	.100	.075	A	100 S	120.000	G	3μA	15	30	.010
2N2800	PS 211	5	RAY,MOT,HUG,STI	50	35	5.0	.800	.800	A	200 S	120.000	G	100NA	25	60	.150
2N2801	PS 211	5	RAY,MOT,HUG,STI,ITT	50	35	5.0	.800	.800	A	200 J	120.000	G	100NA	25	150	.150
2N2802	PS 260 B		TII	25	20	5.0	.030	.250	A	200 S	60.000	G	10NA	25	110	.001
2N2803	PS 260 B		TII	25	20	5.0	.030	.250	A	200 S	60.000	G	10NA	25	110	.001
2N2804	PS 260 B		TII	25	20	5.0	.030	.250	A	200 S	60.000	G	10NA	25	110	.001
2N2805	PS 260 B		TII	25	20	5.0	.030	.250	A	200 S	60.000	G	10NA	25	120	.001
2N2806	PS 260 B		TII	25	20	5.0	.030	.250	A	200 S	60.000	G	10NA	25	120	.001
2N2807	PS 260 B		TII	25	20	5.0	.030	.250	A	200 S	60.000	G	10NA	25	120	.001
2N2808	NS 217	72	RAY	30	10	3.0	.025	.200	A	200 J	1300.000	F	10NA	15	70	.002
2N2808A	NS 217	72	RAY	30	10	3.0	.025	.200	A	200 J	1500.000	F	10NA	15	70	.002
2N2809	NS 217	72	RAY	30	15	3.0	.025	.200	A	200 J	1000.000	F	10NA	15	70	.002
2N2809A	NS 217	72	RAY	30	15	3.0	.025	.200	A	200 J	1300.000	F	10NA	15	70	.002
2N2810	NS 217	72	RAY	24	10	3.0	.025	.200	A	200 J	1000.000	F	10NA	15	70	.002
2N2810A	NS 217	72	RAY	24	10	3.0	.025	.200	A	200 J	1300.000	F	10NA	15	70	.002
2N2811	NS 561	61	WHE,SOL,HUG,STI,PPC,GSE	80	60	8.0	10.000	40.000	H	200 J	15.000	G	100NA	60	40	5.000
2N2812	NS 561	61	WHE,SOL,HUG,PPC,GSE	80	60	8.0	10.000	40.000	H	200 J	15.000	G	100NA	60	80	5.000
2N2813	NS 561	61	WHE,SOL,HUG,PPC,GSE	120	80	8.0	10.000	40.000	H	200 J	15.000	G	100NA	60	40	5.000
2N2814	NS 561	61	WHE,SOL,HUG,PPC,GSE	120	80	8.0	10.000	40.000	H	200 J	15.000	G	100NA	60	80	5.000
2N2815	NS 561	63	SES,SPC,STC	80	80	10.0	20.000	200.000	C	200 J	.600	G	2MA	80	22	10.000
2N2816	NS 561	63	ETC,SES,SPC,STC	100	100	10.0	20.000	200.000	C	200 J	.600	G	2MA	100	22	10.000
2N2817	NS 561	63	SES,SPC,STC	150	150	10.0	20.000	200.000	C	200 J	.600	G	2MA	150	22	10.000
2N2818	NS 561	63	ETC,SES,SPC,STC	200	200	10.0	20.000	200.000	C	200 J	.600	G	2MA	100	22	10.000
2N2819	NS 561	63	SES,SPC,STC	80	80	10.0	25.000	200.000	C	200 C	.600	G	2MA	80	22	15.000
2N2820	NS 561	63	SES,SPC,STC	100	100	10.0	25.000	200.000	C	200 C	.600	G	2MA	100	22	15.000
2N2821	NS 561	63	SES,SPC,STC	150	150	10.0	25.000	200.000	C	200 C	.600	G	2MA	150	22	15.000
2N2822	NS 561	63	SES,SPC,STC	200	200	10.0	25.000	200.000	C	200 C	.600	G	2MA	200	22	15.000
2N2823	NS 561	63	SES,SPC,STC	80	80	10.0	30.000	200.000	C	200 C	.600	G	2MA	80	20	20.000
2N2824	NS 561	63	SES,SPC,STC	100	100	10.0	30.000	200.000	C	200 C	.600	G	2MA	100	20	20.000
2N2825	NS 561	63	SES,SPC,STC	150	150	10.0	30.000	200.000	C	200 C	.600	G	2MA	150	20	20.000
2N2826	PG 631	37	DEL	25	15	15.0	1.000	7.500	C	110 S	.004	E	200μA	25	138	.100

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2827	PG 631	37	DEL	40	30	20.0	1.000	7.500	C	110	S	.004	E	200μA	40	138	.100
2N2828	NS 561	59	STC,PPC	80	60	8.0	3.000	40.000	C			1.000	G	150μA	80	35	.500
2N2829	NS 561	59	STC,PPC	80	60	8.0	3.000	40.000	C			1.000	G	150μA	80	35	1.000
2N2831	NS 211	18	TRW,SYL	40	12	3.0	.200	1.200	C	200	J	250.000	G	30NA	15	50	.010
2N2832	PG 605	3	MOT	80	50	2.0	20.000	85.000	C	110	J	10.000	G	10MA	80	75	1.000
2N2833	PG 605	3	MOT	120	75	2.0	20.000	85.000	C	110	J	10.000	G	10MA	120	75	1.000
2N2834	PG 605	3	MOT	140	100	2.0	20.000	85.000	C	110	J	10.000	G	10MA	140	75	1.000
2N2836	PG 605	3	AMP	55	55	20.0	3.500	35.000	C	75	J	.350	G	50μA	1	60	
2N2837	PS 211	18	RAY,MOT,GIC,HUG,STI,ITT	50	35	5.0	.800	.500	A	200	J	120.000	G	100NA	25	60	.150
2N2838	PS 211	18	RAY,MOT,ITT,GIC,HUG,STI	50	35	5.0	.800	.500	A	200	S	120.000	G	100NA	25	150	.150
2N2845	NS 211	18	FSC,MOT,TEC,HUG,STI	60	30	5.0		.360	A	200	J	250.000	G	200μA	30	75	.150
2N2846	NS 211	5	FSC,MOT,TEC,HUG,STI	60	30	5.0		.800	A	200	J	250.000	G	200μA	30	75	.150
2N2847	NS 211	18	FSC,MOT,TEC,HUG,STI	60	20	5.0		.360	A	200	J	250.000	G	200μA	30	90	.150
2N2848	NS 211	5	FSC,MOT,TEC,HUG,STI	60	20	5.0		.800	A	200	J	250.000	G	200μA	30	90	.150
2N2849	NS 211 B		HUG	100	80	5.0	3.000	.850	A	200	J	40.000	G	100NA	80	90	
2N2849-1	NS 211	5	SSP	100	80	5.0	3.000	.850	A	200	J	40.000	G	100NA	80	90	
2N2849-2	NS 581 B		SSP	100	80	5.0	3.000	5.000	H	200	J	40.000	G	100NA	80	90	
2N2849-3	NS 546 A		SSP	100	80	5.0	3.000	5.000	H	200	J	40.000	G	100NA	80	90	
2N2850	NS 211 B		HUG	100	80	5.0	3.000	.850	A	200	J	30.000	G	100NA	80	50	
2N2850-1	NS 211	5	SSP,PPC	100	80	5.0	3.000	.850	A	200	J	30.000	G	100NA	80	50	1.000
2N2850-2	NS 581 B		SSP	100	80	5.0	3.000	5.000	H	200	J	30.000	G	100NA	80	50	
2N2850-3	NS 546 A		SSP	100	80	5.0	3.000	5.000	H	200	J	30.000	G	100NA	80	50	
2N2851	NS 211 B		HUG	100	80	5.0	3.000	.850	A	200	J	30.000	G	100NA	80	50	
2N2851-1	NS 211	5	SSP,PPC	100	80	5.0	3.000	.850	A	200	J	30.000	G	100NA	80	50	1.000
2N2851-2	NS 581 B		SSP	100	80	5.0	3.000	5.000	H	200	J	30.000	G	100NA	80	50	
2N2851-3	NS 546 A		SSP	100	80	5.0	3.000	5.000	H	200	J	30.000	G	100NA	80	50	
2N2852	NS 211 B		HUG	100	80	5.0	3.000	.850	A	200	J	20.000	G	100NA	80	25	
2N2852-1	NS 211	5	SSP,PPC	100	80	5.0	3.000	.850	A	200	A	20.000	G	100NA	80	25	1.000
2N2852-2	NS 581 B		SSP	100	80	5.0	3.000	5.000	H	200	J	20.000	G	100NA	80	25	
2N2852-3	NS 546 A		SSP	100	80	5.0	3.000	5.000	H	200	J	20.000	G	100NA	80	25	
2N2853	NS 211 B		HUG	60	40	5.0	3.000	.850	A	200	J	30.000	G	100NA	40	80	
2N2853-1	NS 211	5	SSP	60	40	5.0	3.000	.850	A	200	J	30.000	G	100NA	40	80	
2N2853-2	NS 581 B		SSP	60	40	5.0	3.000	5.000	H	200	J	30.000	G	100NA	40	80	
2N2853-3	NS 546 A		SSP	60	40	5.0	3.000	5.000	H	200	J	30.000	G	100NA	40	80	
2N2854	NS 211 B		HUG	60	40	5.0	3.000	.850	A	200	J	40.000	G	100NA	40	90	
2N2854-1	NS 211	5	SSP	60	40	5.0	3.000	.850	A	200	J	40.000	G	100NA	40	90	
2N2854-2	NS 581 B		SSP	60	40	5.0	3.000	5.000	H	200	J	40.000	G	100NA	40	90	
2N2854-3	NS 546 A		SSP	60	40	5.0	3.000	5.000	H	200	J	40.000	G	100NA	40	90	
2N2855	NS 211 B		HUG	60	40	5.0	3.000	.850	A	200	J	30.000	G	100NA	40	50	
2N2855-1	NS 211	5	SSP,PPC	60	40	5.0	3.000	.850	A	200	J	30.000	G	100NA	40	50	1.000
2N2855-2	NS 581 B		SSP	60	40	5.0	3.000	5.000	H	200	J	30.000	G	100NA	40	50	
2N2855-3	NS 546 A		SSP	60	40	5.0	3.000	5.000	H	200	J	30.000	G	100NA	40	50	
2N2856	NS 211 B		HUG	60	40	5.0	3.000	.850	A	200	J	20.000	G	100NA	40	25	
2N2856-1	NS 211	5	SSP,PPC	60	40	5.0	3.000	.850	A	200	J	20.000	G	100NA	40	25	1.000
2N2856-2	NS 581 B		SSP	60	40	5.0	3.000	5.000	H	200	J	20.000	G	100NA	40	25	
2N2856-3	NS 546 A		SSP	60	40	5.0	3.000	5.000	H	200	J	20.000	G	100NA	40	25	
2N2857	NS 217	72	RCA,AMP,MOT,HUG,FER	30	15	2.5	.040	.200	A	200	S	1450.000	G	10NA	15	90	.003
2N2858	NS 211	5	STC,SEN,STI	100	80	10.0	3.000	8.750	C	200	J	1.000	G	150μA	100	35	1.000
2N2859	NS 211	5	STC,SEN,STI	120	100	10.0	3.000	8.750	C	200	J	1.000	G	150μA	120	35	1.000
2N2860	PG 211	18	SYL	18	7	2.0	.150	.150	A	100	J	250.000	G			40	.040
2N2861	PS 211	18	TII,RAY,TEC,HUG,STI	25	20	5.0	.100	.300	A	200	S	60.000	G	10NA	25	100	.010
2N2862	PS 211	18	TII,RAY,TEC,HUG,STI	25	20	5.0	.100	.300	A	200	S	45.000	G	10NA	25	88	.010
2N2863	NS 211	5	TII	60	25	5.0	1.000	.800	A	200	S	150.000	G	500NA	30	115	.200
2N2864	NS 211	5	TII	60	25	5.0	1.000	.800	A	200	S	150.000	G	500NA	30	110	.200
2N2865	NS 217	72	RAY,HUG,TIL,TII	25	13	3.0	.050	.200	A	200	S	600.000	G	10NA	15	110	.004
2N2866	NS 561	59	HUG	120	80			40.000	C	175	J	.010	G			35	.500
2N2867	NS 561	59	HUG	120	80			40.000	C	175	J	.010	G			70	.500
2N2868	NS 211	5	ITT,SES,RAY,HUG,FSC,STI	60	40	7.0	1.000	.800	A	200	J	50.000	G	10NA	30	80	.150
2N2869	PG 605	3	ETC,GPD,HUG	60	50	10.0	10.000	30.000	C	100	J	.200	G	500μA	30	90	1.000
2N2869/2N301	PG 605	3	RCA,SOL	60	50	10.0	10.000	30.000	C	100	J	.200	G	500μA	30	100	1.000
2N2870	PG 605	3	ETC,GPD	80	50	10.0	10.000	30.000	C	100	J	.200	G	500μA	30	90	1.000
2N2870/2N301A	PG 605	3	RCA,SOL	80	50	10.0	10.000	30.000	C	100	J	.200	G	500μA	30	100	1.000
2N2871	PS 260 C		HUG	60	60	60.0		.400	A	200	S	DUO MP	B	100NA	50	15	.001
2N2872	PS 260 C		HUG	110	110	110.0		.400	A	200	S	DUO MP	B	100NA	90	15	.001
2N2873	PG 193 A		RCA,MOT	35	35X	.3	.010	.115	A	100	S	400.000	G	12μA	12	40	.001
2N2874	SEE RF POWER SECTION																
2N2875	PS 585 A		TEC,HUG	60	50	5.0	2.000	20.000	C	200	S	25.000	E	1μA	30	40	.500
2N2876	SEE RF POWER SECTION																
2N2877	NS 581	111	STC,SOL,TEC,MHR,HUG,TII	80	60	8.0	5.000	30.000	H	200	J	30.000	G	100NA	60	40	1.000
2N2878	NS 581	111	STC,SOL,NSC,TEC,PPC,HUG	80	60	8.0	5.000	30.000	H	200	J	50.000	G	100NA	60	80	1.000
2N2879	NS 581	111	STC,SOL,TEC,PPC,HUG,MHR	100	80	8.0	5.000	30.000	H	200	J	30.000	G	100NA	60	40	1.000
2N2880	NS 581	111	STC,SOL,NSC,TEC,PPC,HUG	100	80	8.0	5.000	30.000	H	200	J	50.000	G	100NA	60	80	1.000
2N2881	PS 211	5	STC,CRY	60	60	10.0	2.000	8.750	C	200	S	.025	E	75μA	60	40	.500
2N2882	PS 211	5	STC,CRY	100	100	10.0	2.000	8.750	C	200	S	.025	E	75μA	100	40	.500
2N2883	NS 211	5	FSC,TIL	40	20	4.0	.300	.800	A	200	J	400.000	G	500NA	20	40	.100
2N2884	NS 211	5	FSC,TIL	40	20	4.0	.300	.800	A	200	J	400.000	G	500NA	20	40	.100
2N2885	NS 911	51	TEC	40	15	5.0	.050	.150	A	175	J	300.000	G	25NA	20	75	.010
2N2886	NS 211	5	TRW,RAY	50	40	5.0	.500	.800	A	200	J	AUD		100NA	30	34	.005
2N2887	SEE RF POWER SECTION																
2N2890	NS 211	5	FSC,SES,NSC,TEC,PPC,HUG	100	80	5.0	5.000	.800	A	200	J	30.000	G	100NA	60	60	1.000
2N2891	NS 211	5	FSC,SES,NSC,TEC,PPC,HUG	100	80	5.0	5.000	.800	A	200	J	30.000	G	100NA	60	100	1.000
2N2892	NS 561	59	FSC,NSC,TEC,PPC,HUG,GSE	100	80	5.0	5.000	30.000	C	200	J	30.000	G	100NA	60	60	1.000
2N2893	NS 561	59	FSC,NSC,TEC,PPC,HUG,GSE	100	80	5.0	5.000	30.000	C	200	J	30.000	G	100NA	60	100	1.000
2N2894	PS 211	18	MOT,TII,RAY,TEC,HUG,FSC	12	12	4.0	.200	.360	A	200	J	400.000	G	50NA	6	90	.030
2N2894A	PS 211	18	FSC,TEC,HUG,ITT	12	12	4.5		.360	A	200	J	800.000	G	50NA	10	55	.100
2N2895	NS 211	18	RCA,RAY,TEC,MOT	120	65	7.0	1.000	.500	A	200	S	120.000	G	2NA	60	80	.150
2N2896	NS 211	18	RCA,RAY,TEC,MOT	140	90	7.0	1.000	.500	A	200	S	120.000	G	10NA	60	130	.150
2N2897	NS 211	18	RCA,RAY,TEC,MOT	60	45	7.0	1.000	.500	A	200	S	100.000	G	50NA	60	125	.150
2N2898	NS 211	46	RAY,TEC,RCA	120	65	7.0	1.000	.500	A	200	S	120.000	G	2NA	60	80	.150
2N2899	NS 211	46	RAY,TEC,RCA	140	90	7.0	1.000	.500	A	200	S	120.000	G	10NA	60	130	.150
2N2900	NS 211	46	RAY,TEC,RCA	60	45	7.0	1.000	.500	A	200	S	100.000	G	50NA	60	125	.150
2N2901	NS 270 B		GIC	20	10	6.0	.020	.360	A	200	J	DUO	G	25NA	15	30	.010
2N2902	NS 461	57	TII	120	120	10.0	.750	40.000	C	200	S	2.000	G	250μA	120	60	.500
2N2903	NS 260 B		AML	60	30	7.0	.050	.200	A	200	J	DUO	G	10NA	50	375	.001
2N2903A	NS 260 B		AML	60	30	7.0	.050	.200	A	200	J	60.000	G	10NA	50	375	.001
2N2904	PS 211	39	RAY,TII,SPR,MOT,FSC,GIC	60	40	5.0	.600	.600	A	200	J	200.000	G	20NA	50	80	.150
2N2904A	PS 211	39	TII,GIC,SPR,RAY,MOT,FSC	60	60	5.0	.600	.600	A	200	J	200.000	G	10NA	50	80	.150
2N2905	PS 211	39	RAY,SPR,MOT,FSC,GIC,TII	60	40	5.0	.600	.600	A	200	J	200.000	G	20NA	50	200	.150
2N2905A	PS 211	39	TII,SPR,RAY,MOT,FSC,GIC	60	60	5.0	.600	.600	A	200	J	200.000	G	10NA	50	200	.150
2N2906	PS 211	18	RAY,SPR,MOT,FSC,GIC,TII	60	40	5.0	.600	.400	A	200	J	200.000	G	20NA	50	80	.150
2N2906A	PS 211	18	TII,SPR,RAY,MOT,FSC,GIC	60	60	5.0	.600	.400	A	200	J	200.000	G	10NA	50	80	.150
2N2907	PS 211	18	RAY,SPR,MOT,FSC,GIC,TII	60	40	5.0	.600	.400	A	200	J	200.000	G	20NA	50	200	.150
2N2907A	PS 211	18	TII,SPR,RAY,MOT,FSC,GIC	60	60	5.0	.600	.400	A	200	J	200.000	G	10NA	50	200	.150
2N2908	NS 731	53	STC	80	80R	10.0	5.000	45.000	H	200	S	1.000	E	1MA	80	36	1.000
2N2909	NS 211	46	TRW	60	40	7.0		2.000	C			50.000	G	10NA	15	70	.150

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N2910	NS 260 C		GEC	45	25	7.0		.300	A	200 J	DUO	G	10NA	20	80	.001
2N2911	NS 211	5	STC,SEN	150	125	10.0	3.000	5.000	H	200 S	1.000	G	25µA	150	40	1.000
2N2912	PG 171 L		MOT	15	5	1.5	25.000	75.000	C	110 S	10.000	G	10MA	15	500	5.000
2N2921	NS 45	98	SES,GEC	25	25	5.0	.100	.200	A	125 S	200.000	G	500NA	25	53	.002
2N2922	NS 45	98	SES,GEC	25	25	5.0	.100	.200	A	125 S	200.000	G	500NA	25	83	.002
2N2923	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	125 S	160.000	G	500NA	25	135	.002
2N2924	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	125 S	160.000	G	500NA	25	225	.002
2N2925	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	125 S	160.000	G	500NA	25	353	.002
2N2926	NS 45	98	GEC	18	18	5.0	.100	.200	A	125 S	GEN LP		500NA	18	250	.002
2N2926-BRN	NS 45	98	GEC,SPR,SES	18	18	5.0	.100	.200	A	100 J	150.000	G	500NA	18	50	
2N2926-GRN	NS 45	98	GEC,SPR,SES	18	18	5.0	.100	.200	A	100 J	150.000	G	500NA	18	350	
2N2926-ORG	NS 45	98	GEC,SPR,SES	18	18	5.0	.100	.200	A	100 J	150.000	G	500NA	18	135	
2N2926-RED	NS 45	98	GEC,SPR,SES	18	18	5.0	.100	.200	A	100 J	150.000	G	500NA	18	74	
2N2926-YEL	NS 45	98	GEC,SPR,SES	18	18	5.0	.100	.200	A	100 J	150.000	G	500NA	18	225	
2N2927	PS 211	5	HUG,FSC	25	25	4.0	.500	.800	A	200 J	100.000	G	25NA	10	80	.050
2N2928	PG 217	72	SYL	15	13	.3	.100	.150	A	100 S	400.000	G	5µA	10	104	.002
2N2929	PG 211	5	MOT	25	10	.7	.100	.750	C	100 S	800.000	G	5µA	10	55	.010
2N2931	NS 134 A		CLE	5	5	3.0	.050	.037	A	125 S	20.000	G	15NA	2	50	.050
2N2932	NS 134 A		CLE	5	5	3.0	.050	.037	A	125 S	20.000	G	15NA	2	70	.050
2N2933	NS 134 A		CLE	5	5	3.0	.050	.037	A	125 S	20.000	G	15NA	2	50	.050
2N2934	NS 134 A		CLE	45	30	5.0	.050	.037	A	125 S	20.000	G	15NA	30	50	.050
2N2935	NS 134 A		CLE	45	30	5.0	.050	.037	A	125 S	20.000	G	15NA	30	70	.050
2N2936	NS 260 C		TII	60	55	5.0	.030	.300	A	175 J	DUO	G	10NA	60	375	.001
2N2937	NS 260 C		TII	60	55	5.0	.030	.300	A	175 J	DUO	G	10NA	60	375	.001
2N2938	NS 211	52	RCA	25	13	5.0	.500	.300	A	200 S	500.000	G			10	.200
2N2939	NS 211	5	BEN	75	60	7.0	1.000	.800	A	300 S	150.000	G	25NA	60	150	.150
2N2940	NS 211	5	BEN	120	80	7.0	1.000	.800	A	300 S	150.000	G	25NA	90	150	.150
2N2941	NS 211	5	BEN	150	100	7.0	1.000	.800	A	300 S	150.000	G	25NA	100	150	.150
2N2942	PG 170	9	SPR	50	25	2.5	.100	.150	A	100 J	150.000	G	2µA	25	80	
2N2943	PG 170	9	SPR	30	15	2.0	.100	.150	A	100 J	120.000	G	3µA	15	50	
2N2944	PS 211	46	RAY,SPR,TII,SOL,SSD,TEC	15	10	15.0	.100	.400	A	200 S	10.000	G	100PA	15	80	.001
2N2944A	PS 211	46	TII,RAY,TEC,CRY,TIL	15	10	15.0	.100	.400	A	200 J	15.000	G	1NA	15	200	.001
2N2945	PS 211	46	RAY,SPR,TII,NSC,SOL,SSD	25	20	25.0	.100	.400	A	200 S	5.000	G	200PA	25	40	.001
2N2945A	PS 211	46	TII,RAY,TEC,TIL,CRY	25	20	25.0	.100	.400	A	200 J	10.000	G	1NA	25	140	.001
2N2946	PS 211	46	RAY,SPR,TII,NSC,SOL,SSD	40	35	40.0	.100	.400	A	200 S	3.000	G	500PA	40	30	.001
2N2946A	PS 211	46	TII,RAY,TEC,TIL,CRY	40	35	40.0	.100	.400	A	200 J	5.000	G	1NA	40	100	.001
2N2947	NS 605	3	MOT	60	60S	3.0	1.500	25.000	C	175 J	100.000	G	1µA	50	33	.400
2N2948	NS 605	3	MOT	40	40S	2.0	1.500	25.000	C	175 J	100.000	G	1µA	30	30	.400
2N2949	NS 171 D		MOT	60	60S	3.0	.700	.500	A	175 J	100.000	G	100NA	50	30	.040
2N2950	NS 546	102	MOT	60	60S	3.0	.700	6.000	C	175 J	100.000	G	100NA	50	30	.040
2N2951	NS 210	5	MOT,TRW,SES,SPR,HUG	60	60S	5.0	.250	.800	A	175 J	200.000	G	100NA	50	60	.010
2N2952	NS 210	18	MOT,TRW,SPR,HUG	60	60S	5.0	.250	.500	A	175 J	200.000	G	100NA	50	60	.010
2N2953	PG 120	1	RCA	30	25R	25.0	.150	.120	A	100 S	10.000	B	5µA	20	100	.050
2N2954	NS 217	72	PHL	30	20	3.0	.500	.200	A	200 J	300.000	G	50NA	10	163	.002
2N2955	PG 211	18	MOT	40	25	3.5	.100	.150	A	100 S	200.000	G	10µA	25	40	.050
2N2956	PG 211	18	MOT	40	20	3.5	.100	.150	A	100 S	250.000	G	10µA	25	80	.050
2N2957	PG 211	18	MOT	40	18	3.5	.100	.150	A	100 S	300.000	G	10µA	25	100	.050
2N2958	NS 210	5	SPR,MOT,TRW,RAY,HUG,STI	60	20	5.0	.600	.600	A	200 J	250.000	G	25NA	50	80	.150
2N2959	NS 210	5	SPR,MOT,TRW,RAY,HUG,STI	60	20	5.0	.600	.600	A	200 J	250.000	G	25NA	50	170	.150
2N2960	NS 211	5	TRW,RAY	60	30	5.0		.600	A		500.000	G	25NA	50	170	.150
2N2961	NS 211	5	TRW,RAY	60	30	5.0		.600	A		500.000	G	25NA	50	170	.150
2N2962	PG 546 C		SPR	40	18	1.5	.300	3.000	C	100 S	560.000	G	5µA	10		
2N2963	PG 546 C		SPR	40	18	1.0	.300	3.000	C	100 S	560.000	G	5µA	10		
2N2964	PG 546 C		SPR	30	15	1.5	.300	3.000	C	100 S	560.000	G	5µA	10		
2N2965	PG 546 C		SPR	30	15	1.0	.300	3.000	C	100 S	560.000	G	5µA	10		
2N2966	PG 217	72	PHL	20	20	.5	.100	.060	A	100 S	500.000	G	5µA	10	54	.003
2N2967	NS 211	18	PHL	12	6	4.0		.300	A	200 J	400.000	G	50NA	5	70	.010
2N2968	PS 210	5	SPR,HUG	30	10	30.0	.050	.150	A	140 J	10.000	G	10NA	15	30	.001
2N2969	PS 210	18	SPR,HUG	30	10	30.0	.050	.150	A	140 J	10.000	G	10NA	15	30	.001
2N2970	PS 210	5	SPR,HUG,STI	30	20	30.0	.050	.150	A	140 J	8.000	G	10NA	15	20	.001
2N2971	PS 210	18	SPR,HUG,STI	30	20	30.0	.050	.150	A	140 J	8.000	G	10NA	15	20	.001
2N2972	NS 261 A		FSC	45	45	6.0	.030	.250	A	200 J	DUO	G	10NA	45	150	.001
2N2973	NS 261 A		FSC	45	45	6.0	.030	.250	A	200 J	DUO	G	10NA	45	300	.001
2N2974	NS 261 A		FSC	45	45	6.0	.030	.250	A	200 J	DUO	G	10NA	45	150	.001
2N2975	NS 261 A		FSC	45	45	6.0	.030	.250	A	200 J	DUO	G	10NA	45	300	.001
2N2976	NS 261 A		FSC	45	45	6.0	.030	.250	A	200 J	DUO	G	10NA	45	150	.001
2N2977	NS 261 A		FSC	45	45	6.0	.030	.250	A	200 J	DUO	G	10NA	45	300	.001
2N2978	NS 261 A		FSC	60	60	6.0	.030	.250	A	200 J	DUO	G	2NA	45	150	.001
2N2979	NS 261 A		FSC	60	60	6.0	.030	.250	A	200 J	DUO	G	2NA	45	300	.001
2N2980	NS 261 A		FSC	100	60	7.0	.500	.250	A	200 J	DUO	G	2NA	80	100	.001
2N2981	NS 261 A		FSC	100	60	7.0	.500	.250	A	200 J	DUO	G	10NA	80	125	.010
2N2982	NS 261 A		FSC	100	60	7.0	.500	.250	A	200 J	DUO	G	10NA	80	125	.010
2N2983	NS 211	5	HUG,TII	155	80	8.0	3.000	15.000	H	200 S	39.000	G	10µA	150	40	.500
2N2984	NS 211	5	HUG,TII	185	120	8.0	3.000	15.000	H	200 S	39.000	G	10µA	180	40	.500
2N2985	NS 211	5	HUG,TII	155	80	8.0	3.000	15.000	H	200 S	39.000	G	10µA	150	80	.500
2N2986	NS 211	5	HUG,TII	185	120	8.0	3.000	15.000	H	200 S	39.000	G	10µA	180	80	.500
2N2987	NS 211	5	TII,TEC,HUG,SOL,PPC,GSE	95	80	7.0	1.000	15.000	H	200 S	30.000	G	25NA	90	50	.200
2N2988	NS 211	5	TII,TEC,HUG,SOL,PPC,STI	155	100	7.0	1.000	15.000	H	200 S	30.000	G	25NA	150	50	.200
2N2989	NS 211	5	TII,TEC,HUG,SOL,STI,PPC	95	80	7.0	1.000	15.000	H	200 S	30.000	G	25NA	90	90	.200
2N2990	NS 211	5	TII,TEC,HUG,SOL,PPC,STI	155	100	7.0	1.000	15.000	H	200 S	30.000	G	25NA	150	90	.200
2N2991	NS 541 D		TII,TEC,HUG,SOL	95	80	7.0	1.000	15.000	H	200 S	30.000	G	25NA	90	50	.200
2N2992	NS 541 D		TII,TEC,HUG,SOL	155	100	7.0	1.000	15.000	H	200 S	30.000	G	25NA	150	50	.200
2N2993	NS 541 D		TII,TEC,HUG,SOL	95	80	7.0	1.000	15.000	H	200 S	30.000	G	25NA	90	90	.200
2N2994	NS 541 D		TII,TEC,HUG,SOL	155	100	7.0	1.000	15.000	H	200 S	30.000	G	25NA	150	90	.200
2N2996	PG 217	72	TII	15	10	.3	.050	.075	A	100 S	400.000	G	5µA	10	263	.004
2N2997	PG 217	72	TII	30	15	.3	.050	.075	A	100 S	400.000	G	5µA	12	270	.004
2N2998	PG 217	72	TII	15	12	.3	.020	.075	A	100 S	600.000	G	5µA	10	158	.003
2N2999	PG 217	72	TII	15	10	.2	.020	.075	A	100 S	1400.000	G	5µA	10	10	.003
2N3009	NS 211	52	FSC,MOT,HUG,ITT	40	15	4.0	.200	.360	A	200 J	350.000	G	500NA	20	80	.030
2N3010	NS 211	18	TII,FSC,RAY,TEC,MOT,HUG	15	6	4.0	.050	.300	A	200 J	600.000	G	10µA	11	56	.010
2N3011	NS 211	18	TII,FSC,RAY,ITT,TEC,MOT	30	12	5.0	.200	.360	A	200 J	400.000	G	400NA	20	75	.010
2N3012	PS 211	18	FSC,TII,RAY,ITT,TEC,HUG	12	12	4.0	.200	.360	A	200 J	550.000	G	80NA	6	75	.030
2N3013	NS 211	52	FSC,TII,ITT,SES,TEC,MOT	40	15	5.0	.200	.360	A	200 J	350.000	G	300NA	20	80	.030
2N3014	NS 211	52	FSC,TII,ITT,TEC,MOT,HUG	40	20	5.0	.200	.360	A	200 J	350.000	G	300NA	20	80	.030
2N3015	NS 211	5	TII,FSC,MOT,TEC	60	30	5.0		.800	A	200 J	250.000	G	200NA	30	76	.150
2N3016	NS 210	5	BEN	100	50	4.0	2.500	3.330	C	150 J	200.000	G	1µA	60	60	1.000
2N3017	NS 541 B		BEN	100	50	4.0	5.000	3.330	C	150 J	200.000	G	1µA	60	60	1.000
2N3018	NS 560	61	BEN	100	50	4.0	10.000	25.000	C	150 J	200.000	G	1µA	60	60	1.000
2N3019	NS 211	5	FSC,MOT,TRW,RAY,NSC,TEC	140	80	7.0	1.000	.800	A	200 J	100.000	G	10NA	90	200	.150
2N3020	NS 211	5	FSC,RAY,NSC,TEC,MOT,TRW	140	80	7.0	1.000	.800	A	200 J	100.000	G	10NA	90	80	.150
2N3021	PS 605	3	MOT,SOL	30	30	4.0	3.000	25.000	C	175 S	60.000	G	200µA	25	40	1.000
2N3022	PS 605	3	MOT,SOL	45	45	4.0	3.000	25.000	C	175 S	60.000	G	200µA	40	40	1.000
2N3023	PS 605	3	MOT,SOL	60	60	4.0	3.000	25.000	C	175 S	60.000	G	200µA	54	40	1.000
2N3024	PS 605	3	MOT,SOL	30	30	4.0	3.000	25.000	C	175 S	60.000	G	200µA	25	115	1.000
2N3025	PS 605	3	MOT,SOL	45	45	4.0	3.000	25.000	C	175 S	60.000	G	200µA	40	115	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N3026	PS 605	3	MOT,SOL	60	60	4.0	3.000	25.000	C	175	S	60.000	G	200μA	54	115	1.000
2N3033	NS 211	18	NSC,TII	100	100R	4.0	.200	.300	A	200	S			5μA	85		
2N3034	NS 211	18	TII	70	70R	4.0	.200	.300	A	200	S			5μA	55		
2N3035	NS 211	18	TII	50	50R	4.0	.200	.300	A	200	S			5μA	35		
2N3036	NS 211	5	TII,RAY,TRW,TIL	120	80	7.0	1.200	.800	A	200	S	50.000	G	10NA	60	100	.150
2N3037	NS 909	50	TII	120	70	7.0	.500	.360	A	200	S	50.000	G	10NA	60	80	.150
2N3038	NS 909	50	TII	100	60	7.0	.500	.360	A	200	S	50.000	G	10NA	60	160	.150
2N3039	PS 909	50	TII	50	35	5.0	.500	.360	A	200	S	50.000	G	25NA	30	50	.150
2N3040	PS 909	50	TII	40	30	5.0	.500	.360	A	200	S	50.000	G	25NA	30	100	.150
2N3043	NS 986	89	TII	45	45	5.0	.030	.250	A	200	S	DUO	G	10NA	45	365	.001
2N3044	NS 986	89	TII	45	45	5.0	.030	.250	A	200	S	DUO	G	10NA	45	365	.001
2N3045	NS 986	89	TII	45	45	5.0	.030	.250	A	200	S	DUO	G	10NA	45	365	.001
2N3046	NS 986	89	TII	45	45	5.0	.030	.250	A	200	S	DUO	G	10NA	45	233	.001
2N3047	NS 986	89	TII	45	45	5.0	.030	.250	A	200	S	DUO	G	10NA	45	233	.001
2N3048	NS 986	89	TII	45	45	5.0	.030	.250	A	200	S	DUO	G	10NA	45	233	.001
2N3049	PS 986	89	TII	25	20	5.0	.100	.250	A	200	S	DUO	G	10NA	25	75	.001
2N3050	PS 986	89	TII	25	20	5.0	.100	.250	A	200	S	DUO	G	10NA	25	75	.001
2N3051	PS 986	89	TII	25	20	5.0	.100	.250	A	200	S	DUO	G	10NA	25	75	.001
2N3052	NS 986	89	TII	35	15	5.0	.200	.250	A	200	S	DUO	G	25NA	20	78	.010
2N3053	NS 211	5	RCA,ETC,NSC,TII,TEC,MOT	60	40	5.0	.700	1.000	A	200	J	100.000	G	250NA	30	150	.150
2N3054	NS 605	66	RCA,STC,TEC,MOT,WHE,HUG	90	55	7.0	4.000	25.000	C	200	J	AUD		1MA	90	60	.500
2N3054A	NS 605	66	MOT	90	60R	7.0	4.000	75.000	C	200	C	.030	F	1MA	90	50	.500
2N3055	NS 605	3	RCA,STC,PPC,SOL,WHE,ETC	100	60	7.0	15.000	115.000	C	200	J	1.500	G	5MA	100	45	4.000
2N3056	NS 211	46	RAY,TRW,TEC,HUG,FSC,ITT	100	60	7.0	1.000	.400	A	200	J	80.000	G	10NA	60	70	.150
2N3056A	NS 211	46	RAY,TEC,HUG,FSC,ITT	140	80	7.0	1.000	.400	A	200	J	80.000	G	10NA	90	70	.150
2N3057	NS 211	46	RAY,TRW,TEC,HUG,FSC,ITT	100	60	7.0	1.000	.400	A	200	J	80.000	G	10NA	60	200	.150
2N3057A	NS 211	46	RAY,TEC,HUG,FSC,ITT	140	80	7.0	1.000	.400	A	200	J	100.000	G	10NA	90	200	.150
2N3058	PS 211	46	SPR,HUG,CRY	6	6	6.0	.100	.400	A	200	J	6.000	G	1NA	3	120	
2N3059	PS 211	46	SPR,HUG,CRY	10	10	10.0	.100	.400	A	200	J	6.000	G	1NA	3	200	
2N3060	PS 211	46	SPR,RAY,NSC,HUG,CRY	70	60	30.0	.100	.400	A	200	J	.600	G	5NA	60	60	.001
2N3061	PS 211	46	SPR,RAY,NSC,HUG,CRY	70	60	30.0	.100	.400	A	200	J	1.200	G	5NA	60	120	.001
2N3062	PS 211	46	NSC,CRY	90	80	40.0	.100	.400	A	200	J	.400	G	5NA	80	60	.001
2N3063	PS 211	46	NSC,CRY	90	80	40.0	.100	.400	A	200	J	1.000	G	5NA	80	100	.001
2N3064	PS 211	46	CRY	110	100	50.0	.100	.400	A	200	J	2.000	G	5NA	100	30	.001
2N3065	PS 211	46	CRY	110	100	50.0	.100	.400	A	200	J	3.000	G	5NA	100	60	.001
2N3072	PS 211	5	RAY,HUG,FSC,ITT,STI	60	60	4.0	.500	.800	A	200	J	130.000	G	20NA	50	80	.050
2N3073	PS 211	18	RAY,HUG,FSC,ITT,STI	60	60	4.0	.500	.360	A	200	J	130.000	G	20NA	50	80	.050
2N3074	PG 217	12	AMP	25	25R		.020	.140	A	75	J	RF AMP		10μA	10		
2N3075	PG 217	12	AMP	30	30R		.020	.140	A	75	J	RF AMP		10μA	10		
2N3076	NS 414	81	TRW	140	100R	5.0	10.000	125.000	C	200	S	50.000	G	25MA	100	60	7.000
2N3077	NS 210	18	TEC,HUG,STI	80	60	7.0	.050	.360	A	200	J	60.000	G	10NA	45	120	.001
2N3078	NS 210	18	TEC,HUG,STI	80	60	7.0	.050	.360	A	200	J	60.000	G	10NA	45	38	.001
2N3079	NS 405	36	DEL		200	5.0	10.000			150	J	2.500	G			22	5.000
2N3080	NS 405	36	DEL		300	5.0	10.000			150	J	2.500	G			22	5.000
2N3081	PS 211	5	RAY,SYL	70	50	6.0	.600	.600	A	300	S	150.000	G	10NA	50	60	.150
2N3107	NS 211	5	FSC,ITT,RAY,HUG,STI	100	60	7.0		.800	A	200	J	70.000	G	10NA	60	90	.500
2N3108	NS 211	5	FSC,ITT,RAY,NSC,TEC,HUG	100	60	7.0		.800	A	200	J	60.000	G	10NA	60	50	.500
2N3109	NS 211	5	FSC,ITT,RAY,NSC,HUG,STI	80	40	7.0		.800	A	200	J	70.000	G	10NA	60	90	.500
2N3110	NS 211	5	FSC,ITT,RAY,NSC,TEC,HUG	80	40	7.0		.800	A	200	J	60.000	G	10NA	60	50	.500
2N3114	NS 211	5	MOT,TII,TRW,TEC,FSC	150	150	5.0	.200	.800	A	200	J	40.000	G	10NA	100	60	.030
2N3115	NS 210	18	SPR,MOT,TRW,RAY,HUG,STI	60	20	5.0	.600	.400	A	200	J	250.000	G	25NA	50	80	.150
2N3116	NS 210	18	SPR,MOT,TRW,RAY,TEC,HUG	60	20	5.0	.600	.400	A	200	J	250.000	G	25NA	50	200	.150
2N3117	NS 211	18	TII,RAY,NSC,SOL,SSD,TEC	60	60	6.0	.050	.360	A	200	J	60.000	G	10NA	45	400	.001
2N3118			SEE RF POWER SECTION														
2N3119	NS 211	5	RCA,HUG,STI	100	80	4.0	.500	1.000	A	200	S	250.000	G	50NA	60	125	.100
2N3120	PS 211	5	RAY,HUG,ITT,FSC,STI	45	45	4.0		.800	A	200	J	130.000	G	20NA	45	62	.050
2N3121	PS 211	18	RAY,HUG,ITT,FSC,STI	45	45	4.0		.360	A	200	J	130.000	G	20NA	45	62	.050
2N3122	NS 211	5	RAY	50	30	5.0		.800	A	200	J	60.000	G	10NA	60	50	.300
2N3123	NS 211	5	TRW	60	30	5.0		3.000	C			400.000	G	10NA	50	170	.150
2N3127	PG 217	72	MOT	25	20	.7	.050	.100	A	100	J	400.000	G	3μA	10	46	.003
2N3133	PS 210	5	MOT,GIC,RAY,ITT,NSC,SPR	50	35	4.0	.600	.600	A	200	J	200.000	G	50NA	30	70	.150
2N3134	PS 210	5	MOT,GIC,RAY,NSC,SPR,TEC	50	35	4.0	.600	.600	A	200	J	200.000	G	50NA	30	200	.150
2N3135	PS 210	18	MOT,GIC,RAY,ITT,NSC,SPR	50	35	4.0	.600	.400	A	200	J	200.000	G	50NA	30	70	.150
2N3136	PS 210	18	MOT,GIC,ETC,RAY,NSC,SPR	50	35	4.0	.600	.400	A	200	J	200.000	G	50NA	30	170	.150
2N3137	NS 211	39	FSC,SES,MOT,HUG	40	20	4.0		.600	A	200	J	500.000	G	50NA	20	70	
2N3139	NS 560	62	HUG	65	65			20.000	C	200	J	100.000	G			15	1.000
2N3140	NS 560	62	HUG	65	65			20.000	C	200	J	100.000	G			15	1.000
2N3141	NS 560	62	HUG	140	140			20.000	C	200	J	100.000	G			15	1.000
2N3142	NS 560	62	HUG	65	65			25.000	C	200	J	100.000	G			15	1.000
2N3143	NS 560	62	HUG	140	140			25.000	C	200	J	100.000	G			15	1.000
2N3144	NS 560	62	HUG	65	65			25.000	C	200	J	100.000	G			15	1.000
2N3145	NS 560	62	HUG	140	140			25.000	C	200	J	100.000	G			15	1.000
2N3146	PG 605	3	TII	150	65	60.0	15.000	150.000	C	100	J	.200	G	10MA	150	60	
2N3147	PG 605	3	TII	180	75	80.0	15.000	150.000	C	100	J	.200	G	10MA	180	600	
2N3149	NS 561	114	STC,SOL,TEC,SPC,HUG	80	80	10.0	70.000	300.000	C	200	J	.100	G	2MA	80	20	50.000
2N3150	NS 561	114	STC,SOL,TEC,SPC,HUG	100	100	10.0	70.000	300.000	C	200	J	.100	G	2MA	100	20	50.000
2N3151	NS 561	114	STC,SOL,TEC,SPC,HUG	150	150	10.0	70.000	300.000	C	200	J	.100	G	2MA	150	20	50.000
2N3153	NS 211	18	CRY	15	15	15.0	.100	.300	A	200	J	30.000	G	10NA	15	3	.001
2N3154	PG 640 A		KSC	40	25	30.0	3.000	37.500	C	100	J	.015	E	10MA	38	105	.500
2N3155	PG 640 A		KSC	60	40	30.0	3.000	37.500	C	100	J	.015	E	10MA	50	105	.500
2N3156	PG 640 A		KSC	80	55	30.0	3.000	37.500	C	100	J	.015	E	10MA	60	105	.500
2N3157	PG 640 A		KSC	100	65	30.0	3.000	37.500	C	100	J	.015	E	10MA	75	105	.500
2N3158	PG 640 A		KSC	40	25	30.0	3.000	37.500	C	100	J	.010	E	10MA	38	48	.500
2N3159	PG 640 A		KSC	60	40	30.0	3.000	37.500	C	100	J	.010	E	10MA	50	48	.500
2N3160	PG 640 A		KSC	80	55	30.0	3.000	37.500	C	100	J	.010	E	10MA	60	48	.500
2N3161	PG 640 A		KSC	100	65	30.0	3.000	37.500	C	100	J	.010	E	10MA	75	48	.500
2N3163	PS 561	61	STC,SOL	40	40	10.0	3.000	85.000	C	200	J	HF AMP		1MA	40	20	1.000
2N3164	PS 561	61	STC,SOL	60	60	10.0	3.000	85.000	C	200	J	HF AMP		1MA	60	20	1.000
2N3165	PS 561	61	STC,SOL	80	80	10.0	3.000	85.000	C	200	J	HF AMP		1MA	80	20	1.000
2N3166	PS 561	61	STC,SOL	100	100	10.0	3.000	85.000	C	200	J	HF AMP		1MA	100	20	1.000
2N3167	PS 731	53	STC	40	40	10.0	3.000	85.000	C	200	J	HF AMP		1MA	40	20	1.000
2N3168	PS 731	53	STC	60	60	10.0	3.000	85.000	C	200	J	HF AMP		1MA	60	20	1.000
2N3169	PS 731	53	STC	80	80	10.0	3.000	85.000	C	200	J	HF AMP		1MA	80	20	1.000
2N3170	PS 731	53	STC	100	100	10.0	3.000	85.000	C	200	J	HF AMP		1MA	100	20	1.000
2N3171	PS 605	3	STC,SOL	40	40	10.0	3.000	75.000	C	200	J	HF AMP		1MA	40	20	1.000
2N3172	PS 605	3	STC,SOL	60	60	10.0	3.000	75.000	C	200	J	HF AMP		1MA	60	20	1.000
2N3173	PS 605	3	STC,SOL	80	80	10.0	3.000	75.000	C	200	J	HF AMP		1MA	80	20	1.000
2N3174	PS 605	3	STC,SOL	100	100	10.0	3.000	75.000	C	200	J	HF AMP		1MA	100	20	1.000
2N3175	PS 561	61	STC,SOL	40	40	10.0	5.000	85.000	C	200	J	HF AMP		1MA	40	16	2.000
2N3176	PS 561	61	STC,SOL	60	60	10.0	5.000	85.000	C	200	J	HF AMP		1MA	60	16	2.000
2N3177	PS 561	61	STC,SOL	80	80	10.0	5.000	85.000	C	200	J	HF AMP		1MA	80	16	2.000
2N3178	PS 561	61	STC,SOL	100	100	10.0	5.000	85.000	C	200	J	HF AMP		1MA	100	16	2.000
2N3179	PS 731	53	STC	40	40	10.0	5.000	85.000	C	200	J	HF AMP		1MA	40	16	2.000
2N3180	PS 731	53	STC	60	60	10.0	5.000	85.000	C	200	J	HF AMP		1MA	60	16	2.000
2N3181	PS 731	53	STC	80	80	10.0	5.000	85.000	C	200	J	HF AMP		1MA	80	16	2.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N3182	PS 731	53	STC	100	100	10.0	5.000	85.000	C	200	J	HF AMP		1MA	100	16	2.000
2N3183	PS 605	3	STC,SOL	40	40	10.0	5.000	75.000	C	200	J	HF AMP		1MA	40	16	2.000
2N3184	PS 605	3	STC,SOL	60	60	10.0	5.000	75.000	C	200	J	HF AMP		1MA	60	16	2.000
2N3185	PS 605	3	STC,SOL	80	80	10.0	5.000	75.000	C	200	J	HF AMP		1MA	80	16	2.000
2N3186	PS 605	3	STC,SOL	100	100	10.0	5.000	75.000	C	200	J	HF AMP		1MA	100	16	2.000
2N3187	PS 561	61	STC,SOL	40	40	10.0	5.000	85.000	C	200	J	HF AMP		1MA	40	16	3.000
2N3188	PS 561	61	STC,SOL	60	60	10.0	5.000	85.000	C	200	J	HF AMP		1MA	60	16	3.000
2N3189	PS 561	61	STC,SOL	80	80	10.0	5.000	85.000	C	200	J	HF AMP		1MA	80	16	3.000
2N3190	PS 561	61	STC,SOL	100	100	10.0	5.000	85.000	C	200	J	HF AMP		1MA	100	16	3.000
2N3191	PS 731	53	STC	40	40	10.0	5.000	85.000	C	200	J	HF AMP		1MA	40	16	3.000
2N3192	PS 731	53	STC	60	60	10.0	5.000	85.000	C	200	J	HF AMP		1MA	60	16	3.000
2N3193	PS 731	53	STC	80	80	10.0	5.000	85.000	C	200	J	HF AMP		1MA	80	16	3.000
2N3194	PS 731	53	STC	100	100	10.0	5.000	85.000	C	200	J	HF AMP		1MA	100	16	3.000
2N3195	PS 605	3	STC,SOL	40	40	10.0	5.000	75.000	C	200	J	HF AMP		1MA	40	16	3.000
2N3196	PS 605	3	STC,SOL	60	60	10.0	5.000	75.000	C	200	J	HF AMP		1MA	60	16	3.000
2N3197	PS 605	3	STC,SOL	80	80	10.0	5.000	75.000	C	200	J	HF AMP		1MA	80	16	3.000
2N3198	PS 605	3	STC,SOL	100	100	10.0	5.000	75.000	C	200	J	HF AMP		1MA	100	16	3.000
2N3199	PS 561	59	STC,CRY	40	40	10.0	2.000	40.000	C	200	J	.800	G	75µA	40	35	1.000
2N3200	PS 561	59	STC,CRY	60	60	10.0	2.000	40.000	C	200	J	.800	G	75µA	60	35	1.000
2N3201	PS 561	59	STC,CRY	80	80	10.0	2.000	40.000	C	200	J	.800	G	75µA	80	35	1.000
2N3202	PS 211	5	STC,CRY,SOL	40	40	10.0	2.000	8.750	C	200	J	.800	G	75µA	40	35	1.000
2N3203	PS 211	5	STC,CRY,SOL	60	60	10.0	2.000	8.750	C	200	J	.800	G	75µA	60	35	1.000
2N3204	PS 211	5	STC,CRY,SOL	80	80	10.0	2.000	8.750	C	200	J	.800	G	75µA	80	35	1.000
2N3205	PS 561	59	STC,CRY	40	40	10.0	2.000	40.000	C	200	J	.800	G	75µA	40	35	.500
2N3206	PS 561	59	STC,CRY	60	60	10.0	2.000	40.000	C	200	J	.800	G	75µA	60	35	.500
2N3207	PS 561	59	STC,CRY	100	100	10.0	2.000	40.000	C	200	J	.800	G	75µA	100	35	.500
2N3208	PS 211	5	STC,CRY	40	40	10.0	2.000	8.750	C	200	J	.800	G	75µA	40	35	.500
2N3209	PS 211	18	RAY,ITT,FSC	20	20	4.0	.200	.360	A	200	J	400.000	G	50NA	10	75	.030
2N3210	NS 211	18	RAY,MOT	40	15	5.0	.500	.360	A	300	S	300.000	G	10NA	20	75	.010
2N3211	NS 210	18	MOT	40	15	6.0	.500	.360	A	200	J	350.000	G	25NA	20	88	.010
2N3212	PG 631	37	DEL,GPD		100X	2.0	5.000	12.100	C	110	J	.600	G	1MA	100	60	3.000
2N3213	PG 631	37	DEL,GPD		80X	2.0	5.000	12.100	C	110	J	.600	G	1MA	80	60	3.000
2N3214	PG 631	37	DEL,GPD		60X	2.0	5.000	12.100	C	110	J	.600	G	1MA	60	60	3.000
2N3215	PG 631	37	DEL,GPD		40X	2.0	5.000	12.100	C	110	J	.600	G	1MA	40	63	3.000
2N3217	PS 211	46	RAY,SPR,NSC,SOL,SSD,HUG	15	10	15.0	.100	.400	A	200	J	1.000	G	1NA	15	60	.001
2N3218	PS 211	46	RAY,SPR,NSC,SOL,SSD,HUG	25	20	25.0	.100	.400	A	200	J	1.000	G	1NA	25	60	.001
2N3219	PS 211	46	RAY,SPR,NSC,SOL,SSD,HUG	40	35	40.0	.100	.400	A	200	J	1.000	G	1NA	40	40	.001
2N3224	PS 211	5	HUG,STI	100	100			.700	A	200	J	60.000	G			40	.050
2N3225	PS 211	5	HUG,STI	100	100			.700	A	200	J	80.000	G			80	.050
2N3226	NS 605	3	SOL,ETC,PPC	35	35		5.000	75.000	C	200	J	.020	E	2MA	35	32	2.000
2N3227	NS 210	18	MOT,RAY	40	20	6.0	.500	.360	A	200	J	500.000	G	200NA	20	180	.010
2N3229			SEE RF POWER SECTION														
2N3232	NS 605	3	SOL,WHE,MOT,SEN,PPC,STC	60	60	6.0	7.500	117.000	C	200	J	200.000	G	5MA	80	60	3.000
2N3233	NS 605	3	WHE,PPC,SEN	100	100	6.0	7.500	117.000	C	200	J	200.000	G	5MA	110	60	3.000
2N3234	NS 605	3	WHE,SEN,STC	160	160	6.0	7.500	117.000	C	200	J	200.000	G	5MA	160	60	3.000
2N3235	NS 605	3	STC,MOT,SEN,PPC	55	55	7.0	15.000	117.000	C	200	J	HF AMP		5MA	65	46	4.000
2N3236	NS 605	3	WHE,SOL,PPC,STC	100	90	7.0	15.000	150.000	C	200	J	HF AMP		5MA	90	40	5.000
2N3237	NS 605	3	WHE,SOL,STC	90	75	7.0	20.000	200.000	C	200	J	HF AMP		5MA	75	24	10.000
2N3238	NS 605	3	WHE,SOL,STC	80	80	8.0	15.000	150.000	C	200	J	HF AMP		5MA	80	16	10.000
2N3239	NS 605	3	WHE,SOL,STC	80	80	8.0	15.000	150.000	C	200	J	HF AMP		5MA	80	16	10.000
2N3240	NS 605	3	WHE,SOL,STC	160	160R	8.0	15.000	150.000	C	200	A	HF AMP		5MA	160	16	10.000
2N3241A	NS 211	104	RCA	30	25	7.5		.500	A	175	J	175.000	G	100NA	25	150	.010
2N3242A	NS 211	104	RCA	40	40	8.0		.500	A	175	J	175.000	G	10NA	25	200	.010
2N3244	PS 211	5	RAY,MOT,TII,HUG,STI	40	40	5.0	1.000	1.000	A	200	J	175.000	G	50NA	30	90	.500
2N3245	PS 211	5	RAY,MOT,TII,HUG,STI	50	50	5.0	1.000	1.000	A	200	J	150.000	G	50NA	50	50	.500
2N3248	PS 210	18	MOT,TEC,HUG,STI	15	12	5.0		.360	A	200	J	250.000	G	50NA	10	100	.001
2N3249	PS 210	18	MOT,TEC,HUG,STI	15	12	5.0		.360	A	200	J	300.000	G	50NA	10	200	.001
2N3250	PS 211	18	MOT,RAY,FSC,TII,ITT,TEC	50	40	5.0	.200	.360	A	200	J	250.000	G	20NA	40	100	.010
2N3250A	PS 211	18	MOT,RAY,TII,TEC,HUG,FSC	60	60	5.0	.200	.360	A	200	J	250.000	G	20NA	40	100	.010
2N3251	PS 211	18	MOT,RAY,FSC,TII,ITT,TEC	50	40	5.0	.200	.360	A	200	J	300.000	G	20NA	40	200	.010
2N3251A	PS 211	18	MOT,RAY,TII,TEC,HUG,FSC	60	60	5.0	.200	.360	A	200	J	300.000	G	20NA	40	200	.010
2N3252	NS 211	5	FSC,TII,RAY,MOT,ITT,TEC	60	30	5.0	1.000	1.000	A	200	J	200.000	G	500NA	40	60	.500
2N3253	NS 211	5	FSC,TII,RAY,MOT,ITT,TEC	75	40	5.0	1.000	1.000	A	200	J	175.000	G	500NA	60	50	.500
2N3261	NS 211	52	RCA	40	15	6.0	.500	.300	A	175	J	300.000	G	25NA	15	50	.100
2N3262	NS 211	39	RCA	100	80	4.0	1.500	1.000	A	175	J	150.000	G	100NA	30	80	.500
2N3263	NS 913 A		RCA	150	90	7.0	25.000	84.000	C	200	J	20.000	G	4MA	80	44	15.000
2N3264	NS 913 A		RCA	120	60	7.0	25.000	84.000	C	200	J	20.000	G	10MA	60	40	15.000
2N3265	NS 561	63	RCA,SOL,PPC	150	90	7.0	25.000	125.000	C	200	J	20.000	G	4MA	80	44	15.000
2N3266	NS 561	63	RCA,SOL,PPC	120	60	7.0	25.000	125.000	C	200	J	20.000	G	10MA	60	40	15.000
2N3268	NS 210	5	TRW	45	45	1.0		2.500	C			12.500	G	500NA	30	32	.010
2N3279	PG 217	72	MOT	30	20	1.0	.050	.100	A	100	J	400.000	G	5µA	10	30	.003
2N3280	PG 217	72	MOT	30	20	1.0	.050	.100	A	100	J	400.000	G	5µA	10	30	.003
2N3281	PG 217	72	MOT	30	15	.5	.050	.100	A	100	J	300.000	G	5µA	10	40	.003
2N3282	PG 217	72	MOT	30	15	.5	.050	.100	A	100	J	300.000	G	5µA	10	40	.003
2N3283	PG 217	72	MOT	25	25S	.5	.050	.100	A	100	J	400.000	G	10µA	10	30	.003
2N3284	PG 217	72	MOT	25	25S	.5	.050	.100	A	100	J	400.000	G	10µA	10	30	.003
2N3285	PG 217	72	MOT	20	20S	.5	.050	.100	A	100	J	400.000	G	10µA	10	15	.003
2N3286	PG 217	72	MOT	20	20S	.5	.050	.100	A	100	J	400.000	G	10µA	10	15	.003
2N3287	NS 217	72	MOT	40	20	3.0	.050	.200	A	200	J	350.000	G	10NA	15	40	.002
2N3288	NS 217	72	MOT	40	20	3.0	.050	.200	A	200	J	350.000	G	10NA	15	40	.002
2N3289	NS 217	72	MOT	30	15	3.0	.050	.200	A	200	J	300.000	G	10NA	15	40	.002
2N3290	NS 217	72	MOT	30	15	3.0	.050	.200	A	200	J	300.000	G	10NA	15	40	.002
2N3291	NS 217	72	MOT	25	25S	3.0	.050	.200	A	200	J	250.000	G	100NA	10	20	.002
2N3292	NS 217	72	MOT	25	25S	3.0	.050	.200	A	200	J	250.000	G	100NA	10	20	.002
2N3293	NS 217	72	MOT	20	20S	3.0	.050	.200	A	200	J	250.000	G	100NA	10	20	.002
2N3294	NS 217	72	MOT	20	20S	3.0	.050	.200	A	200	J	250.000	G	100NA	10	20	.002
2N3295	NS 210	5	MOT	60	60S	5.0	.250	.800	A	175	J	200.000	G	100NA	50	36	.010
2N3296	NS 546	102	MOT	60	60S	3.0	.700	6.000	C	175	J	100.000	G	100NA	50	18	.040
2N3297	NS 605	3	MOT	60	60S	3.0	1.500	25.000	C	175	J	100.000	G	1µA	50	21	.400
2N3298	NS 210	18	MOT,TRW	25	25S	3.0	.100	.300	A	175	J	200.000	G	500NA	10	90	.010
2N3299	NS 211	5	FSC,ITT,RAY,NSC,MOT,HUG	60	30	5.0		.800	A	200	J	250.000	G	10NA	50	76	.150
2N3300	NS 211	5	FSC,ITT,RAY,NSC,MOT,HUG	60	30	5.0		.800	A	200	J	250.000	G	10NA	50	220	.150
2N3301	NS 211	18	FSC,ITT,RAY,NSC,MOT,HUG	60	30	5.0		.360	A	200	J	250.000	G	10NA	50	76	.150
2N3302	NS 211	18	FSC,ITT,RAY,NSC,MOT,HUG	60	30	5.0		.360	A	200	J	250.000	G	10NA	50	220	.150
2N3303	NS 211	5	MOT,ITT,TEC,FSC	25	12	4.0	1.000	.600	A	200	J	450.000	G	100µA	15	60	.300
2N3304	PS 211	18	MOT,FSC,TIL	6	6	4.0		.300	A	200	J	500.000	G	10NA	3	60	.010
2N3307	PS 217	72	MOT	40	35	3.0	.050	.200	A	200	J	300.000	G	10µA	15	100	.002
2N3308	PS 217	72	MOT	30	25	3.0	.050	.200	A	200	J	300.000	G	10µA	15	90	.002
2N3309	NS 210	5	MOT	50	50S	3.0	.500	1.000	A	175	J	300.000	G	500NA	25	30	.030
2N3311	PG 405	36	MOT,ETC,HUG	30	20	20.0	5.000	170.000	C	110	J	.001	E	5MA	30	90	3.000
2N3312	PG 405	36	MOT,ETC,HUG	45	30	25.0	5.000	170.000	C	110	J	.001	E	5MA	45	90	3.000
2N3313	PG 405	36	MOT,ETC,HUG	60	40	30.0	5.000	170.000	C	110	J	.001	E	5MA	60	90	3.000
2N3314	PG 405	36	MOT,ETC,HUG	30	20	20.0	5.000	170.000	C	110	J	.001	E	5MA	30	150	3.000
2N3315	PG 405	36	MOT,ETC,HUG	45	30	25.0	5.000	170.000	C	110	J	.001	E	5MA	45	150	3.000
2N3316	PG 405	36	MOT,ETC,HUG	60	40	30.0	5.000	170.000	C	110	J	.001	E	5MA	60	150	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
2N3317	PS 170 J		SPR,HUG	30	30	30.0	.050	.150	A	140	A	6.400	G	1NA	10		
2N3318	PS 170 J		SPR,HUG	15	15	15.0	.050	.150	A	140	A	7.600	G	1NA	10		
2N3319	PS 170 J		SPR,HUG	10	6	10.0	.050	.150	A	140	A	12.000	G	3NA	6		
2N3320	PG 210	18	HUG	15	10	2.0	.100	.075	A	100	A	600.000	G	5NA	10	80	.020
2N3321	PG 210	18	HUG	12	7	2.0	.100	.075	A	100	A	600.000	G	5NA	6	140	.020
2N3322	PG 210	18	HUG	12	7	2.0	.100	.075	A	100	A	600.000	G	5NA	6	54	.020
2N3323	PG 210	18	MOT	35	35S	3.0	.100	.150	A	100	J	200.000	G	10µA	10	80	.003
2N3324	PG 210	18	MOT	35	35S	3.0	.100	.150	A	100	J	200.000	G	10µA	10	80	.003
2N3325	PG 210	18	MOT	35	35S	3.0	.100	.150	A	100	J	200.000	G	10µA	10	80	.003
2N3326	NS 211	5	TRW,RAY,HUG	60	45	5.0		.800	A	200	J	500.000	G	10NA	50	70	.150
2N3337	NS 217	72	FSC	40	40	4.0		.300	A	200	J	400.000	G	25NA	20	45	.004
2N3338	NS 217	72	FSC	40	40	4.0		.300	A	200	J	400.000	G	25NA	20	45	.004
2N3339	NS 217	72	FSC	40	40	4.0		.300	A	200	J	400.000	G	25NA	20	45	.004
2N3340	NS 211	46	SOL,SSD,HUG	30	20	5.0	.030	.400	A	175	J	70.000	G	1NA	24	60	.001
2N3341	PS 211	46	SOL,SSD,HUG	30	20	5.0	.030	.400	A	175	J	50.000	G	10NA	24	60	.001
2N3342	PS 210	5	SOL,SSD,HUG	20	8	20.0	.050	.250	A	175	J	2.000	B	20NA		60	.005
2N3343	PS 210	5	SOL,HUG	25	8	20.0	.050	.250	A	175	J	2.000	B	3NA	6	30	.001
2N3344	PS 210	5	SOL,SSD,HUG,STI	30	30	25.0	.050	.250	A	175	J	2.000	G	2NA	25	38	.001
2N3345	PS 210	5	SOL,SSD,HUG,STI	50	50	50.0	.050	.250	A	175	J	2.000	G	5NA	30	23	.001
2N3346	PS 210	5	SOL,SSD,HUG	50	50	50.0	.050	.250	A	175	J	2.000	G	5NA	40	38	.001
2N3371	PG 211	18	TII	25	10	.3	.100	.150	A	100	A	300.000	G	7µA	6	100	.012
2N3375	SEE RF POWER SECTION																
2N3388	NS 211	5	RAY,STC,STI	125	100	6.0	.002	.600	A	175	A	36.000	G	2µA	110	90	.002
2N3389	NS 211	5	STC,STI	195	160	6.0	.007	.600	A	175	A	36.000	G	2µA	180	90	.007
2N3390	NS 45	98	GEC,SES	25	25	5.0	.100	.200	A	100	J	AUD		100NA	18	600	
2N3391	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	100	J	90.000	G	100NA	25	375	
2N3391A	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	100	J	90.000	G	100NA	25	375	
2N3392	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	100	J	80.000	G	100NA	25	225	
2N3393	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	100	J	80.000	G	100NA	25	135	
2N3394	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.100	.200	A	100	J	80.000	G	100NA	25	82	
2N3395-WHT	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.200	A	100	J	AUD		100NA	18	375	
2N3395-YEL	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.200	A	100	J	AUD		100NA	18	225	
2N3396-ORG	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	135	
2N3396-WHT	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	375	
2N3396-YEL	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	225	
2N3397-ORG	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	135	
2N3397-RED	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	82	
2N3397-WHT	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	375	
2N3397-YEL	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	225	
2N3398-BLU	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	600	
2N3398-ORG	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	135	
2N3398-RED	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	82	
2N3398-WHT	NS 45	98	GEC,SPR,SES	25	25	5.0	.100	.135	A	100	J	AUD		100NA	18	375	
2N3399	PG 217	72	AMP	20		.3	.007	.080	A	90	J	300.000	G	8µA	20	40	
2N3401	PS 210	5	SOL	25	25	25.0	.100	.250	A	150	J	.100	B	100NA	20	30	.001
2N3402	NS 45 B		GEC,SES,SPR,HUG	25	25	5.0	.500	.560	A	150	J	MS SW		100NA	25	150	
2N3403	NS 45 B		GEC,SES,SPR,HUG	25	25	5.0	.500	.560	A	150	J	MS SW		100NA	25	360	
2N3404	NS 45 B		GEC,SES,SPR,HUG	50	50	5.0	.500	.560	A	150	J	MS SW		100NA	50	150	
2N3405	NS 45 B		GEC,SES,SPR,HUG	50	50	5.0	.500	.560	A	150	J	MS SW		100NA	50	360	
2N3412	PG 210	5	ETC,HUG	20	20S	2.0	.100	.060	A	100	J	100.000	G	3µA	5	80	.010
2N3414	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.500	.360	A	150	J	MS SW		100NA	25	150	
2N3415	NS 45	98	GEC,SPR,SES,HUG	25	25	5.0	.500	.360	A	150	J	MS SW		100NA	25	360	
2N3416	NS 45	98	GEC,SPR,SES,HUG	50	50	5.0	.500	.360	A	150	J	MS SW		100NA	50	150	
2N3417	NS 45	98	GEC,SPR,SES,HUG	50	50	5.0	.500	.360	A	150	J	MS SW		100NA	50	360	
2N3418	NS 211	5	TII,TEC,TIL,HUG	85	60	8.0	3.000	.800	A	125	C	40.000	G	30NA	80	40	
2N3419	NS 211	5	TII,TIL,TEC,HUG	125	80	8.0	3.000	.800	A	125	C	40.000	G	30NA	120	40	
2N3420	NS 211	5	TII,TIL,TEC,HUG	85	60	8.0	3.000	.800	A	125	C	40.000	G	30NA	80	80	
2N3421	NS 211	5	TII,TIL,TEC,HUG	125	80	8.0	3.000	.800	A	125	C	40.000	G	30NA	120	80	
2N3426	NS 211 K		FSC,ITT	25	12	4.0	1.000	.600	A	200	J	200.000	G	100µA	15	60	.300
2N3427	PG 210	5	MOT	45	30R	30.0	.500	.200	A	100	J	4.000	B	50µA	45	210	.100
2N3428	PG 210	5	MOT,HUG	45	30R	30.0	.500	.200	A	100	J	5.000	B	50µA	45	260	.100
2N3429	NS 580 A		WHE,SEN	50	50	25.0	5.000	150.000	H	175	J	.020	E	2MA	50	23	5.000
2N3430	NS 580 A		WHE,SEN	100	100	25.0	5.000	150.000	H	175	J	.020	E	2MA	100	23	5.000
2N3431	NS 580 A		WHE,SEN	150	150	25.0	5.000	150.000	H	175	J	.020	E	2MA	150	23	5.000
2N3432	NS 580 A		WHE,SEN	200	200	25.0	5.000	150.000	H	175	J	.020	E	2MA	200	23	5.000
2N3433	NS 580 A		WHE,SEN	250	250	25.0	5.000	150.000	H	175	J	.020	E	2MA	250	23	5.000
2N3434	NS 580 A		WHE	300	300	25.0	5.000	150.000	H	175	J	.020	E	2MA	300	23	5.000
2N3439	NS 211	5	RCA,MOT,HUG,STI	450	350	7.0	1.000	10.000	C	200	J	15.000	G	20µA	300	100	.020
2N3440	NS 211	5	RCA,MOT,HUG,STI	300	250	7.0	1.000	10.000	C	200	J	15.000	G	50µA	200	100	.020
2N3441	NS 605	66	STC,RCA,TEC,WHE,PPC,HUG	160	140	7.0	3.000	25.000	C	200	J	150.000	G	5MA	140	50	.500
2N3442	NS 605	3	RCA,WHE,STC,HUG,SEN,KER	160	140	7.0	10.000	117.000	C	200	J	AUD	G	5MA	140	45	3.000
2N3444	NS 211	5	TII,FSC,ITT,RAY,TEC,MOT	80	50	5.0	1.000	1.000	A	200	J	150.000	G	500NA	60	34	.500
2N3445	NS 605	3	MOT,SEN,SOL	80	60	6.0	7.500	115.000	C	200	J	10.000	G	100µA	60	40	3.000
2N3446	NS 605	3	MOT,SEN,SOL	100	80	10.0	7.500	115.000	C	200	J	10.000	G	100µA	80	40	3.000
2N3447	NS 605	3	MOT,SEN,SOL	80	60	6.0	7.500	115.000	C	200	J	10.000	G	100µA	60	75	5.000
2N3448	NS 605	3	MOT,SEN,SOL	100	80	10.0	7.500	115.000	C	200	J	10.000	G	100µA	80	75	5.000
2N3461	PG 211	5	BEN	60	30	1.5	3.000	5.000	C	110	C	.010	F	3MA	60	128	.500
2N3467	NS 211	5	RAY,MOT,FSC,TII,HUG,ITT	40	40	5.0	1.000	1.000	A	200	J	175.000	G	100NA	30	70	.500
2N3468	NS 211	5	TII,MOT,FSC,RAY,ITT	50	50	5.0	1.000	1.000	A	200	J	150.000	G	100NA	30	40	.500
2N3469	NS 211	5	GSE,HUG	35	25	8.0	5.000	4.000	H	200	J	70.000	G	100NA	35	200	1.000
2N3470	NS 561 F		WHE,SEN	50	50	15.0	10.000	150.000	H	150	J	.500	G	200µA	50	360	10.000
2N3471	NS 561 F		WHE,SEN	100	100	15.0	10.000	150.000	H	150	J	.500	G	200µA	100	360	10.000
2N3472	NS 561 F		WHE,SEN	150	150	15.0	10.000	150.000	H	150	J	.500	G	200µA	150	360	10.000
2N3473	NS 561 F		WHE,SEN	200	200	15.0	10.000	150.000	H	150	J	.500	G	200µA	200	360	10.000
2N3474	NS 561 F		WHE,SEN	50	50	15.0	10.000	150.000	H	150	J	.500	G	200µA	50	500	10.000
2N3475	NS 561 F		WHE,SEN	100	100	15.0	10.000	150.000	H	150	J	.500	G	200µA	100	500	10.000
2N3476	NS 561 F		WHE,SEN	150	150	15.0	10.000	150.000	H	150	J	.500	G	200µA	150	500	10.000
2N3477	NS 561 F		WHE,SEN	200	200	15.0	10.000	150.000	H	150	J	.500	G	200µA	200	500	10.000
2N3478	NS 217	72	RCA	30	15	2.0		.200	A	200	J	1175.000	G	20NA	1	90	.002
2N3485	PS 211	46	FSC,TII,MOT,RAY,HUG	60	40	5.0	.600	.360	A	200	J	200.000	G	20NA	50	70	.150
2N3485A	PS 211	46	FSC,TII,MOT,RAY,HUG	60	60	5.0	.600	.360	A	200	J	200.000	G	10NA	50	70	.150
2N3486	PS 211	46	FSC,TII,MOT,RAY,HUG	60	40	5.0	.600	.360	A	200	J	200.000	G	20NA	50	160	.150
2N3486A	PS 211	46	FSC,TII,MOT,RAY,HUG	60	60	5.0	.600	.360	A	200	J	200.000	G	10NA	50	160	.150
2N3487	NS 561	61	MOT,SEN,PPC	80	60	10.0	7.500	115.000	C	200	C	10.000	G	100µA	80	35	3.000
2N3488	NS 561	61	MOT,SEN,PPC	100	80	10.0	7.500	115.000	C	200	C	10.000	G	100µA	100	35	3.000
2N3489	NS 561	61	MOT,SEN,PPC	120	100	10.0	7.500	115.000	C	200	C	10.000	G	100µA	120	26	3.000
2N3490	NS 561	61	MOT,SEN,PPC	80	60	10.0	7.500	115.000	C	200	C	10.000	G	100µA	80	70	5.000
2N3491	NS 561	61	MOT,SEN,PPC	100	80	10.0	7.500	115.000	C	200	C	10.000	G	100µA	100	70	5.000
2N3492	NS 561	61	MOT,SEN,PPC	120	100	10.0	7.500	115.000	C	200	C	10.000	G	100µA	120	52	5.000
2N3493	NS 217	72	MOT	12	8	5.0		.150	A	200	J	400.000	G	5NA	6	70	.001
2N3494	PS 210	5	MOT,TII,TEC,HUG,STI	80	80	4.5	.100	.600	A	200	J	200.000	G	100NA	50	80	.010
2N3495	PS 210	5	MOT,TII,TEC	120	120	4.5	.100	.600	A	200	J	150.000	G	100NA	90	80	.010
2N3496	PS 210	18	MOT,TII,TEC	80	80	4.5	.100	.400	A	200	J	200.000	G	100NA	50	80	.010
2N3497	PS 210	18	MOT,TII,TEC	120	120	4.5	.100	.400	A	200	J	150.000	G	100NA	90	80	.010
2N3498	NS 210	5	MOT,TRW,TEC,HUG,STI	100	100	6.0	.500	1.000	A	200	J	150.000	G	50NA	50	70	.150

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N3499	NS 210	5	MOT,TRW,TEC,HUG,STI	100	100	6.0	.500	1.000	A	200	J	150.000	G	50NA	50	180	.150
2N3500	NS 210	5	MOT,TEC	150	150	6.0	.300	1.000	A	200	J	150.000	G	50NA	75	70	.150
2N3501	NS 210	5	MOT,TEC	150	150	6.0	.300	1.000	A	200	J	150.000	G	50NA	75	180	.150
2N3502	PS 211	5	FSC,TII,RAY,ITT,NSC,TEC	45	45	5.0	.600	.700	A	200	J	200.000	G	10NA	30	150	.150
2N3503	PS 211	5	FSC,TII,RAY,ITT,NSC,TEC	60	60	5.0	.600	.700	A	200	J	200.000	G	10NA	50	150	.150
2N3504	PS 211	18	FSC,TII,RAY,ITT,NSC,TEC	45	45	5.0	.600	.400	A	200	J	200.000	G	10NA	30	150	.150
2N3505	PS 211	18	FSC,TII,RAY,ITT,NSC,TEC	60	60	5.0	.600	.400	A	200	J	200.000	G	10NA	50	150	.150
2N3506	NS 210	5	MOT,HUG	60	40	5.0	3.000	1.000	A	200	J	60.000	G	1μA	40	90	1.500
2N3507	NS 210	5	MOT,HUG	80	50	5.0	3.000	1.000	A	200	J	60.000	G	1μA	60	68	1.500
2N3508	NS 210	46	MOT	40	20	6.0	.500	.400	A	200	J	50.000	G	200NA	20	70	.010
2N3509	NS 210	46	MOT	40	20	6.0	.500	.400	A	200	J	50.000	G	200NA	20	180	.010
2N3510	NS 210	52	MOT,ITT	40	10	6.0	.500	.360	A	200	J	350.000	G	25NA	10	60	.150
2N3511	NS 210	46	MOT,ITT	40	15	6.0	.500	.360	A	200	J	450.000	G	25NA	10	68	.150
2N3512	NS 211	5	RCA	60	35	5.0		.800	A	200	J	250.000	G	500NA	30	20	
2N3527	PS 211	46	CRY	30	30	10.0	.100	.400	A	200	J	5.000	G	100PA	20	150	.001
2N3543	SEE RF POWER SECTION																
2N3544	NS 210	18	MOT	25	25S	3.0	.100	.300	A	175	J	600.000	G	100NA	15	50	.010
2N3545	PS 211	18	RAY	20	20	5.0		.360	A	200	J	250.000	G			70	.010
2N3546	PS 210	18	MOT,RAY,ITT	15	12	4.5		.360	A	200	J	700.000	G	10NA	10	75	.010
2N3547	PS 211	18	NSC	60	60	6.0	.100	.400	A	200	J	45.000	G	25NA	45	225	.001
2N3548	PS 211	18	NSC	60	45	6.0	.100	.400	A	200	J	60.000	G	10NA	45	300	.010
2N3549	PS 211	18	NSC	60	60	6.0	.100	.400	A	200	J	60.000	G	10NA	45	400	.010
2N3550	PS 211	18	NSC	60	45	6.0	.100	.400	A	200	J	60.000	G	1NA	45	500	.010
2N3551	NS 911 A		TII	115	60	7.0	12.000	1.200	A	175	J	40.000	G	10MA	110	44	
2N3552	NS 911 A		TII	140	80	7.0	12.000	1.200	A	175	J	40.000	G	10MA	135	44	
2N3553	SEE RF POWER SECTION																
2N3554	NS 211	5	TII,RAY	60	30	5.0	1.200	.800	A	200	J	150.000	G	500NA	40	50	.750
2N3563	NS 173	106	FSC,NSC,GIC,TEC,HUG,STI	30	12	2.0		.200	A	125	J	600.000	G	50NA	30	70	.008
2N3564	NS 173	106	FSC,NSC,GIC,HUG,STI	30	15	4.0		.200	A	125	J	400.000	G	100μA	30	70	.015
2N3565	NS 173	106	FSC,NSC,GIC,TEC,PHF,HUG	30	25	6.0		.200	A	125	J	40.000	G	50NA	30	300	.001
2N3566	NS 173	105	FSC,NSC,PHF,HUG,STI	40	30	5.0		.300	A	125	J	40.000	G	50NA	40	300	.010
2N3567	NS 173	105	FSC,NSC,HUG,STI	80	40	5.0	.500	.300	A	125	J	60.000	G	50μA	40	70	.120
2N3568	NS 173	105	FSC,HUG,STI	80	60	5.0	.500	.300	A	125	J	60.000	G	50μA	40	70	.120
2N3569	NS 173	105	NSC,FSC,HUG,STI	80	40	5.0	.500	.300	A	125	J	60.000	G	50μA	40	175	.300
2N3570	NS 217	72	TII,TIL,FER	30	15	3.0	.050	.200	A	200	J	1500.000	G	10NA	6	58	.005
2N3571	NS 217	72	TII,TIL,FER	25	15	3.0	.050	.200	A	200	J	1200.000	G	10NA	6	70	.005
2N3572	NS 217	72	TII,TIL,FER	25	13	3.0	.050	.200	A	200	J	1000.000	G	10NA	6	95	.005
2N3576	PS 211	18	TII,RAY,TIL	20	15	5.0	.200	.360	A	175	J	400.000	G	10NA	15	70	.010
2N3579	PS 211	46	SOL,SSD,HUG	80	60	6.0	.030	.400	A	200	J	80.000	G	50NA	40	60	.001
2N3580	PS 211	46	SOL,SSD,HUG	80	60	6.0	.030	.400	A	200	J	80.000	G	50NA	40	120	.001
2N3581	PS 211	46	SOL,SSD,HUG	50	40	6.0	.030	.400	A	200	J	100.000	G	20NA	30	100	.001
2N3582	PS 211	46	SOL,SSD,HUG	50	40	6.0	.030	.400	A	200	J	100.000	G	20NA	30	200	.001
2N3583	NS 605	66	RCA,FER	250	175	6.0	5.000	35.000	C	200	J	100.000	G	1MA	225	80	.100
2N3584	NS 605	66	RCA,FER	375	250	6.0	5.000	35.000	C	200	J	100.000	G	1MA	300	80	.100
2N3585	NS 605	66	RCA,FER	500	300	6.0	5.000	35.000	C	200	J	100.000	G	1MA	400	80	.100
2N3588	PG 218 E		AMP	25		.3	.010	.100	A	85	J	270.000	G	5μA	12	66	.003
2N3589	NS 635 B		GEC,STI	200	200R	10.0		15.000	C	175	J	15.000	G	1μA	100	50	.200
2N3590	NS 635 B		GEC	200	200	10.0		15.000	C	175	J	15.000	G	1μA	100	100	.200
2N3591	NS 676 A		GEC	200	200	10.0		15.000	C	175	J	15.000	G	1μA	100	50	.200
2N3592	NS 676 A		GEC	200	200	10.0		15.000	C	175	J	15.000	G	1μA	100	100	.200
2N3593	NS 530 B		GEC	200	200	10.0		7.000	C	175	J	15.000	G	1μA	100	50	.200
2N3594	NS 530 B		GEC	200	200	10.0		7.000	C	175	J	15.000	G	1μA	100	100	.200
2N3595	NS 530 A		GEC	200	200	10.0		15.000	C	175	J	15.000	G	1μA	100	50	.200
2N3596	NS 530 A		GEC	200	200R	10.0		15.000	C	175	J	15.000	G	1μA	100	100	.200
2N3597	NS 561	63	SOL,TEC,HUG,GSE	60	40	8.0	20.000	100.000	H	200	J	30.000	G	100NA	30	70	10.000
2N3598	NS 561	63	SOL,TEC,HUG,GSE	80	60	8.0	20.000	100.000	H	200	J	30.000	G	100NA	30	70	10.000
2N3599	NS 561	63	SOL,TEC,HUG,GSE	100	80	8.0	20.000	100.000	H	200	J	30.000	G	100NA	30	70	10.000
2N3600	NS 217	72	RCA,AMP,FER	30	15	3.0		.200	A	200	J	850.000	G	10NA	15	80	.003
2N3605	NS 45	98	GEC,SES	18	14	5.0	.200	.200	A	100	J	300.000	G	500NA	18	65	.010
2N3605A	NS 45	98	GEC	40	15	5.0	.200	.330	A	125	J	300.000	G	25NA	20	60	.010
2N3606	NS 45	98	GEC,SES	18	14	5.0	.200	.200	A	100	J	300.000	G	500NA	18	65	.010
2N3606A	NS 45	98	GEC	40	15	5.0	.200	.330	A	125	J	300.000	G	25NA	20	60	.010
2N3607	NS 45	98	GEC,SES	18	14	5.0	.200	.200	A	100	J	300.000	G	500NA	18	65	.010
2N3611	PG 605	3	MOT,GPD,ETC,HUG	40	25	20.0	7.000	85.000	C	110	J	.300	G	5MA	40	70	3.000
2N3612	PG 605	3	MOT,GPD,ETC,HUG	60	35	30.0	7.000	85.000	C	110	J	.300	G	5MA	60	70	3.000
2N3613	PG 605	3	MOT,GPD,ETC,HUG	40	25	20.0	7.000	85.000	C	110	J	.300	G	5MA	40	120	3.000
2N3614	PG 605	3	MOT,GPD,ETC,HUG	60	35	30.0	7.000	85.000	C	110	J	.300	G	5MA	60	120	3.000
2N3615	PG 605	3	MOT,GPD,ETC,HUG	80	50	40.0	7.000	85.000	C	110	J	.300	G	5MA	80	60	3.000
2N3616	PG 605	3	MOT,GPD,ETC,HUG	100	60	50.0	7.000	85.000	C	110	J	.300	G	5MA	100	60	3.000
2N3617	PG 605	3	MOT,GPD,ETC,HUG	80	50	40.0	7.000	85.000	C	110	J	.300	G	5MA	80	90	3.000
2N3618	PG 605	3	MOT,GPD,ETC,HUG	100	60	50.0	7.000	85.000	C	110	J	.300	G	5MA	100	90	3.000
2N3619	NS 210	5	BEN	75	40	4.0	2.500	7.500	C	175	J	200.000	G	25μA	15	80	1.000
2N3620	NS 540 B		SOL	75	40	4.0	5.000	7.500	C	175	J	200.000	G	25μA	15	80	1.000
2N3621	NS 560	61	SOL	75	40	4.0	10.000	15.000	C	175	J	200.000	G	25μA	15	80	1.000
2N3622	NS 561	61	SOL	75	40	4.0	10.000	15.000	C	175	J	200.000	G	25μA	15	80	1.000
2N3623	NS 210	5	BEN	75	40	4.0	2.500	7.500	C	175	J	200.000	G	1μA	15	80	1.000
2N3624	NS 540 B		SOL	75	40	4.0	5.000	7.500	C	175	J	200.000	G	1μA	15	80	1.000
2N3625	NS 560	61	SOL	75	40	4.0	10.000	15.000	C	175	J	200.000	G	1μA	15	80	1.000
2N3626	NS 561	61	SOL	75	40	4.0	10.000	15.000	C	175	J	200.000	G	1μA	15	80	1.000
2N3627	NS 210	5	BEN	100	50	4.0	2.500	7.500	C	175	J	200.000	G	1μA	30	80	1.000
2N3628	NS 540 B		BEN	100	50	4.0	5.000	7.500	C	175	J	200.000	G	1μA	30	80	1.000
2N3629	NS 560	61	SOL	100	50	4.0	10.000	20.000	C	175	J	200.000	G	1μA	30	80	1.000
2N3630	NS 561	61	SOL	100	50	4.0	10.000	20.000	C	175	J	200.000	G	1μA	30	80	1.000
2N3632	SEE RF POWER SECTION																
2N3633	NS 211	18	TEC,HUG,STI	15	60	4.0	.050	.300	A	200	J	1300.000	G	5NA	5	88	.010
2N3634	PS 211	5	MOT,TEC	140	140	5.0	1.000	1.000	A	200	J	150.000	G	100NA	100	86	.050
2N3635	PS 211	5	MOT,TEC	140	140	5.0	1.000	1.000	A	200	J	200.000	G	100NA	100	130	.050
2N3636	PS 211	5	MOT,TEC	175	175	5.0	1.000	1.000	A	200	J	150.000	G	100NA	100	86	.050
2N3637	PS 211	5	MOT,TEC	175	175	5.0	1.000	1.000	A	200	J	200.000	G	100NA	100	130	.050
2N3638	PS 170 G		FSC,GIC,NSC,HUG	25	25	4.0	.500	.300	A	125	J	100.000	G	35NA	15	67	.050
2N3638A	PS 170 G		FSC,NSC,HUG	25	25	4.0	.500	.300	A	125	J	150.000	G	35NA	15	130	.050
2N3639	PS 170 F		HUG,FSC	12	12	4.0		.200	A	125	J	350.000	G	50NA	3	60	
2N3640	PS 170 F		HUG,FSC	12	12	4.0		.200	A	125	J	400.000	G	50NA	6	60	
2N3641	NS 170 G		FSC,NSC,HUG	60	30	5.0		.500	A	125	J	150.000	G	50NA	50	70	
2N3642	NS 170 G		FSC,NSC,HUG	60	30	5.0		.500	A	125	J	150.000	G	50NA	50	70	
2N3643	NS 170 G		FSC,NSC,HUG	60	45	5.0		.500	A	125	J	250.000	G	50NA	50	140	
2N3644	PS 173	105	NSC,FSC,HUG,STI	45	45	5.0	.500	.300	A	125	J	200.000	G	35NA	30	140	.150
2N3645	PS 173	105	NSC,FSC,HUG,STI	60	60	5.0	.500	.300	A	125	J	200.000	G	35NA	50	140	.150
2N3646	NS 170 F		FSC,HUG,ITT	40	15	5.0		.200	A	125	J	350.000	G	500NA	20	75	.030
2N3647	NS 211	46	MOT,HUG,FSC	40	10	6.0	.500	.400	A	200	J	350.000	G	25NA	10	70	.550
2N3648	NS 211	46	MOT,HUG,FSC	40	15	6.0	.500	.400	A	200	J	450.000	G	25NA	10	60	.150
2N3659	NS 211	5	TRW,HUG	220	170	5.0	.500	4.000	C	200	J	50.000	G	10NA	120	30	.010
2N3660	PS 211	5	TEC,HUG,SOL	40	30	5.0	1.500	5.000	C	200	A	25.000	G	100NA	20	50	.500
2N3661	PS 211	5	TEC,HUG,SOL	60	50	5.0	1.500	5.000	C	200	A	25.000	G	100NA	30	50	.500
2N3662	NS 45	98	GEC,SES	18	12	3.0	.025	.200	A	100	J	700.000	G	500NA	15	40	.008

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N3663	NS 45	98	GEC,SES	30	12	3.0	.025	.200	A	100	J	700.000	G	500NA	15	40	.008
2N3664			SEE RF POWER SECTION														
2N3665	NS 211	5	ITT,NSC,TEC,HUG,FSC,SOL	120	80	10.0	1.000	5.000	C	200	J	60.000	G	50NA	60	80	.150
2N3666	NS 211	5	ITT,NSC,TEC,HUG,FSC,SOL	120	80	10.0	1.000	5.000	C	200	J	60.000	G	50NA	60	200	.150
2N3667	NS 605	3	SOL,PPC	50	50	5.0	15.000	117.000	C	200	J	.500	G	5MA	50	30	8.000
2N3671	PS 211	5	FSC,RAY,ITT,MOT,HUG,STI	60	50	5.0	.600	.600	A	200	J	200.000	G	10NA	50	150	.150
2N3672	PS 211	18	FSC,RAY,ITT,MOT,HUG,STI	60	50	5.0	.600	.400	A	200	J	200.000	G	10NA	50	150	.150
2N3673	PS 211	46	FSC,RAY,MOT,HUG,ITT	60	50	5.0	.600	.350	A	200	J	200.000	G	10NA	50	150	.150
2N3675	NS 211	5	HUG,STI	90	55	7.0	3.000	8.750	C	200	C	1.000	G	5MA	90	27	1.000
2N3676	NS 211	5	HUG,STI	90	90	7.0	3.000	8.750	C	200	C	1.000	G	5MA	90	27	1.000
2N3677	PS 211	46	CRY	30	20	30.0	.100	.400	A	200	J	5.000	G	1NA	30	8	.001
2N3678	NS 211	5	FSC,ITT,TRW	75	55	6.0	.800	.800	A	200	J	250.000	G	10NA	60	70	.150
2N3681	NS 217	72	RAY	10	7	2.0		.200	A	200	J	1000.000	G	10NA	60	100	.002
2N3688	NS 170 F		FSC,GIC	40	40	4.0		.200	A	125	J	400.000	G	50NA	20	70	.004
2N3689	NS 170 F		FSC,GIC	40	40	4.0		.200	A	125	J	400.000	G	50NA	20	70	.004
2N3690	NS 170 F		FSC,GIC	40	40	4.0		.200	A	125	J	400.000	G	50NA	20	70	.004
2N3691	NS 170 F		FSC,NSC,PHF	35	25	4.0		.200	A	125	J	200.000	G	50NA	30	80	.010
2N3692	NS 170 F		FSC,NSC,PHF,HUG	35	25	4.0		.200	A	125	J	200.000	G	50NA	30	200	.010
2N3693	NS 170 F		FSC,NSC,GIC	45	45	4.0		.200	A	125	J	200.000	G	50NA	35	80	.010
2N3694	NS 170 F		FSC,NSC,GIC	45	45	4.0		.200	A	125	J	200.000	G	50NA	35	200	.010
2N3700	NS 211	18	RAY,TRW,TEC,HUG,FSC,ITT	140	80	7.0	1.000	.500	A	200	J	100.000	G	10NA	90	200	.150
2N3701	NS 211	18	ITT,TEC,HUG,FSC,STI	140	80	7.0	1.000	.500	A	200	J	100.000	G	10NA	90	80	.150
2N3702	PS 43	92	TII,TIL	40	25	5.0	.200	.300	A	125	J	100.000	G	100NA	20	150	.050
2N3703	PS 43	92	TII,TIL	50	30	5.0	.200	.300	A	125	J	100.000	G	100NA	20	75	.050
2N3704	NS 43	92	TII,TIL	50	30	5.0	.800	.360	A	150	J	100.000	G	100NA	20	160	.050
2N3705	NS 43	92	TII,TIL	50	30	5.0	.800	.360	A	150	J	100.000	G	100NA	20	80	.050
2N3706	NS 43	92	TII,TIL	40	20	5.0	.800	.360	A	150	J	100.000	G	100NA	20	300	.050
2N3707	NS 43	92	TII,TIL	30	30	6.0	.030	.250	A	125	J	.200	G	100NA	20	200	.001
2N3708-BLU	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	350	.001
2N3708-BRN	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	65	.001
2N3708-GRN	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	250	.001
2N3708-ORG	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	128	.001
2N3708-RED	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	88	.001
2N3708-VIO	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	510	.001
2N3708-YEL	NS 43	92	TII	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	178	.001
2N3709	NS 43	92	TII,TIL	30	30	6.0	.030	.250	A	125	J	.090	G	100NA	20	80	.001
2N3710	NS 43	92	TII,TIL	30	30	6.0	.030	.250	A	125	J	.180	G	100NA	20	160	.001
2N3711	NS 43	92	TII,TIL	30	30	6.0	.030	.250	A	125	J	.360	G	100NA	20	330	.001
2N3712	NS 211	5	TII,MOT	150	150	5.0	.200	.800	A	175	J	40.000	G	100NA	75	70	.030
2N3713	NS 605	3	MOT,TII,SEN,TIL,SOL,PPC	80	60	7.0	10.000	150.000	C	200	J	4.000	G	1MA	80	48	1.000
2N3714	NS 605	3	MOT,TII,HUG,SEN,TIL,SOL	100	80	7.0	10.000	150.000	C	200	J	4.000	G	1MA	100	48	1.000
2N3715	NS 605	3	MOT,TII,HUG,SEN,TIL,SOL	80	60	7.0	10.000	150.000	C	200	J	4.000	G	1MA	80	86	1.000
2N3716	NS 605	3	MOT,TII,HUG,SEN,SOL,TIL	100	80	7.0	10.000	150.000	C	200	J	4.000	G	1MA	100	86	1.000
2N3719	PS 211	5	MOT,TEC,SOL	40	40	4.0	3.000	6.000	C	200	J	60.000	G	10µA	40	70	1.000
2N3720	PS 211	5	MOT,TEC,SOL	60	60	4.0	3.000	6.000	C	200	J	60.000	G	10µA	60	70	1.000
2N3721	NS 45	98	SPR,GEC	18	18	5.0	.100	.360	A	150	J	AUD		500NA	18	160	.002
2N3722	NS 211	5	FSC,RAY	80	60	6.0	1.000	.800	A	200	J	300.000	G	500NA	40	70	.100
2N3723	NS 211	5	FSC	100	80	6.0	1.000	.800	A	200	J	300.000	G	500NA	50	70	.100
2N3724	NS 211	39	FSC,TII,ITT,TEC,RAY,HUG	50	30	6.0	1.000	.800	A	200	J	250.000	G	2NA	250	60	.010
2N3724A	NS 211	39	TII,RAY,TIL	50	30	6.0	1.200	1.000	A	200	J	300.000	G	500NA	40	98	.100
2N3725	NS 211	39	FSC,TII,ITT,TEC,RAY,HUG	80	50	6.0	1.000	.800	A	200	J	250.000	G	2NA	330	60	.010
2N3725A	NS 211	39	TII,RAY,TIL	80	50	6.0	1.200	1.000	A	200	J	300.000	G	500NA	60	98	.100
2N3730	PG 605	3	RCA,GPD	200	200	.5	3.000	30.000	A	85	J	1.000	E	200µA	10	105	.050
2N3731	PG 605	3	RCA,GPD	320	320	2.0	10.000	10.000	A	85	J	.015	G	200µA	10	15	6.000
2N3732	PG 605	3	RCA,GPD	100	100	.5	3.000	3.000	A	85	J	1.000	E	200NA	10	268	.700
2N3733			SEE RF POWER SECTION														
2N3734	NS 211	5	MOT,FSC,RAY,ITT	50	30	5.0	1.500	1.000	A	200	J	250.000	G	200NA	25	75	1.000
2N3735	NS 211	5	MOT,RAY	75	50	5.0	1.500	.500	A	200	J	250.000	G	20NA	40	40	1.000
2N3736	NS 211	46	MOT,FSC,ITT	50	30	5.0	1.500	.500	A	200	J	250.000	G	200NA	25	75	1.000
2N3737	NS 211	46	MOT	75	50	5.0	1.500	.500	A	200	J	250.000	G	20NA	40	40	1.000
2N3738	NS 605	66	MOT	250	225	6.0	.250	20.000	C	175	J	10.000	G	100µA	250	100	.100
2N3739	NS 605	66	MOT	325	300	6.0	.250	20.000	C	175	J	10.000	G	100µA	325	100	.100
2N3740	PS 605	66	MOT,TEC,SOL,PPC	60	60	7.0	4.000	25.000	C	200	J	4.000	G	100µA	60	50	.250
2N3740A	PS 605	66	MOT	60	60	7.0	4.000	25.000	C	200	J	4.000	G	100NA	60	55	.250
2N3741	PS 605	66	MOT,TEC,SOL,PPC	80	80	7.0	4.000	25.000	C	200	J	4.000	G	100µA	80	50	.250
2N3741A	PS 605	66	MOT	80	80	7.0	4.000	25.000	C	200	J	4.000	G	100NA	80	55	.250
2N3742	NS 211	5	MOT,STC,STI	300	300	10.0	.050	1.000	A	200	J	30.000	G	200NA	200	70	.030
2N3743	PS 211	39	MOT,STI	300	300	5.0	.050	1.000	A	200	J	30.000	G	300NA	200	90	.030
2N3744	NS 568	111	PPC,SOL,TEC,HUG,STC	60	40	7.0	5.000	30.000	C	200	J	30.000	G	100NA	30	35	1.000
2N3745	NS 568	111	PPC,SOL,TEC,HUG,STC	80	60	7.0	5.000	30.000	C	200	J	30.000	G	100NA	60	35	1.000
2N3746	NS 568	111	PPC,SOL,TEC,HUG,STC	100	80	7.0	5.000	30.000	C	200	J	30.000	G	100NA	60	35	1.000
2N3747	NS 568	111	PPC,SOL,TEC,HUG,STC	60	40	7.0	5.000	30.000	C	200	J	40.000	G	100NA	30	70	1.000
2N3748	NS 568	111	PPC,SOL,TEC,HUG,STC	80	60	7.0	5.000	30.000	C	200	J	40.000	G	100NA	60	70	1.000
2N3749	NS 568	111	PPC,SOL,TEC,HUG,STC	100	80	7.0	5.000	30.000	C	200	J	40.000	G	100NA	60	70	1.000
2N3750	NS 568	111	PPC,SOL,TEC,HUG,STC	60	40	7.0	5.000	30.000	C	200	J	50.000	G	100NA	30	175	1.000
2N3751	NS 568	111	PPC,SOL,TEC,HUG,STC	80	60	7.0	5.000	30.000	C	200	J	50.000	G	100NA	60	175	1.000
2N3752	NS 568	111	PPC,SOL,TEC,HUG,STC	100	80	7.0	5.000	30.000	C	200	J	50.000	G	100NA	60	175	1.000
2N3762	PS 211	5	MOT	40	40	5.0	1.500	1.000	A	200	J	180.000	G	100NA	20	60	1.000
2N3763	PS 211	5	MOT	60	60	5.0	1.500	1.000	A	200	J	150.000	G	100NA	30	40	1.000
2N3764	PS 211	46	MOT	40	40	5.0	1.500	.500	A	200	J	180.000	G	100NA	20	60	1.000
2N3765	PS 211	46	MOT	60	60	5.0	1.500	.500	A	200	J	150.000	G	100NA	30	40	1.000
2N3766	NS 605	66	MOT,TEC,HUG,SOL,PPC	80	60	6.0	4.000	20.000	C	175	J	10.000	G	100µA	60	80	.500
2N3767	NS 605	66	MOT,TEC,HUG,SOL,PPC	100	80	6.0	4.000	20.000	C	175	J	10.000	G	100µA	80	80	.500
2N3771	NS 605	3	RCA,SOL,PPC,WHE,STC,MOT	50	40	5.0	30.000	150.000	C	200	J	.200	G	2MA	50	30	15.000
2N3772	NS 605	3	RCA,SOL,STI,WHE,STC,MOT	100	60	7.0	30.000	150.000	C	200	J	.200	G	5MA	100	30	15.000
2N3773	NS 605	3	RCA,SOL,WHE,STC,MOT,HUG	160	140	7.0	30.000	150.000	C	200	J	AUD		2MA	140	30	8.000
2N3774	PS 211	5	STC,CRY	40	40	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	40	30	.200
2N3775	PS 211	5	STC,CRY,SOL	60	60	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	60	30	.200
2N3776	PS 211	5	STC,CRY,SOL	80	80	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	80	30	.200
2N3777	PS 211	5	STC,CRY,SOL	100	100	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	100	30	.200
2N3778	PS 211	5	STC,CRY,SOL	40	40	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	40	20	.200
2N3779	PS 211	5	STC,CRY,SOL	60	60	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	60	20	.200
2N3780	PS 211	5	STC,CRY,SOL	80	80	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	80	20	.200
2N3781	PS 211	5	STC,CRY,SOL	100	100	8.0	1.000	8.750	C	200	J	HF AMP	G	500µA	100	20	.200
2N3782	PS 211	5	STC,CRY,SOL	40	40	8.0	3.000	8.750	C	200	J	HF AMP	G	500µA	40	35	1.000
2N3783	PG 217	72	MOT	30	30S	20.0	.020	.150	A	100	J	800.000	G	5µA	10	70	.003
2N3784	PG 217	72	MOT	30	30S	20.0	.020	.150	A	100	J	700.000	G	5µA	10	70	.003
2N3785	PG 217	72	MOT	15	15S	12.0	.020	.150	A	100	J	700.000	G	5µA	10	66	.003
2N3788	NS 605	3	SOL,MOT	400	325	5.0	3.000	100.000	C							6	2.500
2N3789	PS 605	3	MOT,TII,SOL,TIL,PPC	60	60	7.0	10.000	150.000	C	200	J	4.000	G	1MA	60	50	1.000
2N3790	PS 605	3	MOT,TII,SOL,TIL,PPC	80	80	7.0	10.000	150.000	C	200	J	4.000	G	1MA	60	50	1.000
2N3791	PS 605	3	MOT,TII,SOL,TIL,PPC	60	60	7.0	10.000	150.000	C	200	J	4.000	G	1MA	80	80	1.000
2N3792	PS 605	3	MOT,TII,SOL,TIL,PPC	80	80	7.0	10.000	150.000	C	200	J	4.000	G	1MA	80	80	1.000
2N3793	NS 51 A		NSC	40	20	5.0	.500	.250	A	125	J	100.000	G	500NA	15	50	.010
2N3794	NS 51 A		NSC	40	20	5.0	.500	.250	A	125	J	100.000	G	500NA	15	250	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N3798	PS 211	18	MOT,TII,TIL	60	60	5.0	.050	.360	A	200	J	100.000	G	10NA	50	260	.001
2N3798A	PS 211	18	MOT	90	90	5.0	.050	.360	A	200	S	30.000	G	10NA	50	225	.001
2N3799	PS 211	18	MOT,TII,TIL	60	60	5.0	.050	.360	A	200	J	100.000	G	10NA	50	570	.001
2N3799A	PS 211	18	MOT	90	90	5.0	.050	.360	A	200	J	30.000	G	10NA	50	450	.001
2N3812	PS 986 A		MOT	60	60	5.0		.350	A	200	S	400.000	G	10PA	50	300	.001
2N3813	PS 986 A		MOT	60	60	5.0		.350	A	200	S	400.000	G	10PA	50	600	.001
2N3814	PS 986 A		MOT	60	60	5.0		.350	A	200	S	400.000	G	10PA	50	300	.001
2N3815	PS 986 A		MOT	60	60	5.0		.350	A	200	S	400.000	G	10PA	50	600	.001
2N3816	PS 986 A		MOT	60	60	5.0		.350	A	200	S	400.000	G	10PA	50	300	.001
2N3817	PS 986 A		MOT	60	60	5.0		.350	A	200	S	400.000	G	10PA	50	600	.001
2N3818	NS 540	60	MOT	60	60	4.0	1.000	25.000	C	175	J	150.000	G	1μA	50	17	.400
2N3825	NS 43	92	TIL	30	15	4.0	.100	.250	A			200.000	G			30	.002
2N3826	NS 43	92	TIL	60	45	4.0	.030	.200	A			200.000	G			80	.010
2N3827	NS 43	92	TIL	60	45	4.0	.030	.200	A			200.000	G			200	.010
2N3828	NS 43	92	TII	40	40	3.0	.100	.300	A	125	J	360.000	G	100NA	20	100	.012
2N3829	PS 211	52	TII,TIL	35	20	5.0	.500	.360	A	175	J	350.000	G	300NA	20	60	.030
2N3830	NS 211	5	RAY,TIL	80	50	5.0	1.200	1.000	A	200	J	200.000	G	500NA	40	30	.500
2N3831	NS 211	5	RAY,TIL	70	40	5.0	1.200	1.000	A	200	J	200.000	G	500NA	40	35	.500
2N3832	NS 217	72	TII	15	10	6.0	.035	.200	A	200	J	800.000	G	10NA	8	60	.002
2N3833	NS 907 A		TII	25	15	1.0	.100	1.000	A			1000.000	G	20NA	12	30	.012
2N3834	NS 907 A		TII	25	15	1.0	.100	1.000	A			1000.000	G	20NA	12	30	.012
2N3835	NS 907 A		TII	25	15	1.0	.100	1.000	A			1000.000	G	20NA	12	30	.012
2N3839	NS 217	72	RCA,MOT	30	15	2.5	.040	.200	A	200	J	1000.000	G	10NA	15	68	.003
2N3840	PS 211	46	NSC,SPR,MOT,HUG,CRY	50	50	50.0	.100	.400	A	200	J	6.000	G	1NA	40	75	.001
2N3841	PS 210	18	NSC,HUG	100	100	80.0	.100	.300	A	175	J	1.500	G	2NA	50	40	.001
2N3842	PS 210	18	NSC,HUG	120	120	120.0	.100	.300	A	175	J	1.000	G	20NA	50	20	.001
2N3843	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.200	A	100	J	60.000	G	500NA	18	30	.002
2N3843A	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.200	A	100	J	60.000	G	500NA	18	30	.002
2N3844	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.200	A	100	J	90.000	G	500NA	18	52	.002
2N3844A	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.200	A	100	J	90.000	G	500NA	18	52	.002
2N3845	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.200	A	100	J	120.000	G	500NA	18	90	.002
2N3845A	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.200	A	100	J	120.000	G	500NA	18	90	.002
2N3846	NS 560	63	TII,TIL	300	200	10.0	20.000	150.000	C	175	C	10.000	G	2MA	300	25	10.000
2N3847	NS 560	63	TII,TIL	400	300	10.0	20.000	150.000	C	175	C	10.000	G	2MA	300	25	15.000
2N3850	NS 561	59	UNI,TEC,SOL,GSE	100	80	5.0	5.000	30.000	C			40.000	G	100NA	80	30	2.000
2N3851	NS 561	59	UNI,TEC,SOL,GSE	100	80	5.0	5.000	30.000	C			30.000	G	100NA	80	20	2.000
2N3852	NS 561	59	UNI,SOL,TEC,GSE	60	40	5.0	5.000	30.000	C			40.000	G	100NA	40	30	2.000
2N3853	NS 561	59	UNI,TEC,SOL,GSE	60	40	5.0	5.000	30.000	C			30.000	G	100NA	40	20	2.000
2N3854	NS 45	98	GEC,SPR,SES,HUG	18	18	4.0	.100	.200	A	100	J	100.000	G	500NA	18	50	.002
2N3854A	NS 45	98	GEC,SPR,SES,HUG	30	30	4.0	.100	.200	A	100	J	100.000	G	500NA	18	50	.002
2N3855	NS 45	98	GEC,SPR,SES,HUG	18	18	4.0	.100	.200	A	100	J	130.000	G	500NA	18	80	.002
2N3855A	NS 45	98	GEC,SPR,SES,HUG	30	30	4.0	.100	.200	A	100	J	130.000	G	500NA	18	80	.002
2N3856	NS 45	98	GEC,SPR,SES,HUG	18	18	4.0	.100	.200	A	100	J	140.000	G	500NA	18	140	.002
2N3856A	NS 45	98	GEC,SPR,SES,HUG	30	30	4.0	.100	.200	A	100	J	140.000	G	500NA	18	140	.002
2N3857	PS 210	5	NSC	45	45	30.0	.500	.600	A	200	J	4.000	G	5NA	40	100	.001
2N3858	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.120	A	100	J	90.000	G	500NA	18	80	.002
2N3858A	NS 45	98	GEC,SPR	60	60	6.0	.100	.120	A	100	J	90.000	G	100NA	60	80	.002
2N3859	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.120	A	100	J	90.000	G	500NA	18	140	.002
2N3859A	NS 45	98	GEC,SPR,HUG	60	60	6.0	.100	.120	A	100	J	90.000	G	100NA	60	140	.002
2N3860	NS 45	98	GEC,SPR,HUG	30	30	4.0	.100	.120	A	100	J	90.000	G	500NA	18	200	.002
2N3861	NS 635 B		STC,STI	530	530X	5.0	.250	15.000	C	175	J	50.000	G	100μA	530	80	.025
2N3862	NS 211	18	TEC,HUG	50	20	4.5	.200	.360	A	300	J	600.000	G	50NA	20	88	.010
2N3863	NS 605	3	STC,SOL	70	50	7.0	7.500	117.000	C	200	C	.500	G	1MA	50	52	3.000
2N3864	NS 605	3	SOL,PPC	110	90	7.0	7.500	117.000	C	200	C	.500	G	1MA	90	52	3.000
2N3865	NS 605	3	BEN	160	150	7.0	7.500	117.000	C	200	C	.500	G	1MA	150	52	3.000
2N3866	SEE RF POWER SECTION																
2N3867	PS 211	5	TEC,MOT	45	40	4.0	3.000	1.000	A	200	A	60.000	G	1μA	40	90	1.500
2N3868	PS 211	5	TEC,MOT	65	60	4.0	3.000	1.000	A	200	A	60.000	G	1μA	60	68	1.500
2N3877	NS 45	98	GEC,SPR,HUG	70	70	4.0	.050	.200	A	100	J	160.000	G	500NA	70	40	.002
2N3877A	NS 45	98	GEC,SPR,HUG	85	85	4.0	.050	.200	A	100	J	160.000	G	500NA	70	40	.002
2N3878	NS 605	66	RCA,TEC,SOL,PPC	120	50	7.0	4.000	35.000	C	200	J	40.000	G	5MA	40	100	.500
2N3879	NS 605	66	RCA,WHE,SOL,PPC	120	75	7.0	7.000	35.000	C	200	J	40.000	G	5MA	40	50	4.000
2N3883	PG 211	5	MOT	25	15	3.0	.300	.300	A	100	J	100.000	G	100μA	15	60	.200
2N3900	NS 45	98	GEC,SPR,HUG	18	18	5.0	.100	.120	A	100	J	160.000	G	100NA	18	300	.002
2N3900A	NS 45	98	GEC,SPR,HUG	18	18	5.0	.100	.120	A	100	J	160.000	G	100NA	18	300	.002
2N3901	NS 45	98	GEC	18	18	5.0	.100	.120	A	100	J	200.000	G	10NA	15	450	.002
2N3902	NS 605	3	DEL,SOL,MOT	400	400	5.0	3.500	100.000	H	150	J	4.000	G	250μA	400	53	1.000
2N3903	NS 41	92	MOT,SPR,STI,ITT	60	40	6.0	.200	.310	A	135	J	250.000	G	50NA	30	100	.010
2N3904	NS 41	92	MOT,SPR,STI,ITT	60	40	6.0	.200	.310	A	135	J	300.000	G	50NA	30	200	.010
2N3905	PS 41	92	MOT,SPR,STI,ITT	40	40	5.0	.200	.350	A	135	J	200.000	G	50NA	40	100	.010
2N3906	PS 41	92	MOT,SPR,STI,ITT	40	40	5.0	.200	.350	A	135	J	250.000	G	50NA	40	200	.010
2N3910	PS 211	46	RAY,MOT,HUG,CRY	60	50	50.0		.500	A	200	J	4.000	G	1NA	50	80	.001
2N3911	PS 211	46	RAY,MOT,HUG,CRY	60	40	40.0		.500	A	200	J	8.000	G	1NA	40	120	.001
2N3912	PS 211	46	RAY,HUG,HUG,CRY	60	30	30.0		.500	A	200	J	10.000	G	1NA	30	180	.001
2N3913	PS 210	18	RAY,HUG,CRY	60	50	50.0		.400	A	200	J	4.000	G	1NA	50	80	.001
2N3914	PS 210	18	RAY,HUG,CRY	60	40	40.0		.400	A	200	J	8.000	G	1NA	40	120	.001
2N3915	PS 210	18	RAY,HUG,CRY	60	30	30.0		.400	A	200	J	10.000	G	1NA	30	180	.001
2N3916	NS 635 B		HUG,STI	150	150	5.0	.150	5.000	C	150	J	50.000	G	1MA	250	90	.150
2N3917	NS 605	3	HUG	80	40	6.0		20.000	C	150	J	50.000	G	100μA	30	60	1.000
2N3918	NS 605	3	HUG	80	40	6.0	2.000	20.000	C	150	J	50.000	G	1MA	80	175	1.000
2N3919	NS 605	3	HUG	120	60	6.0		15.000	C	150	J	80.000	G	10μA	60	85	2.000
2N3920	NS 605	3	HUG	120	60	6.0		15.000	C	150	J	80.000	G	10μA	60	210	2.000
2N3923	NS 211	5	FSC	150	150	6.0	.100	.800	A	200	J	40.000	G	10NA	100	100	.025
2N3924	SEE RF POWER SECTION																
2N3925	SEE RF POWER SECTION																
2N3926	SEE RF POWER SECTION																
2N3927	SEE RF POWER SECTION																
2N3928	NS 211	5	SOL	80	40	4.0	3.000	5.000	H	175	C	200.000	G	1MA	80	95	1.500
2N3929	NS 561	59	SOL	80	40	4.0	3.000	2.000	H	175	C	200.000	G	1MA	80	95	1.500
2N3930	PS 211	39	FSC	180	180	6.0	.100	.400	A	200	A	40.000	G	10NA	100	155	.010
2N3931	PS 211	39	FSC	180	180	6.0	.100	.700	A	200	A	40.000	G	10NA	100	155	.010
2N3932	NS 217	104	RCA	30	20	2.5		.200	A	200	J	750.000	G	10NA	15	78	.002
2N3933	NS 217	104	RCA	40	30	2.5		.200	A	200	J	750.000	G	10NA	15	110	.002
2N3945	NS 211	5	NSC,HUG,ITT,STI	70	50	8.0	1.000	5.000	C	200	J	60.000	G	40NA	60	82	.150
2N3946	NS 211	18	MOT	60	40	6.0	.200	.360	A	200	J	250.000	G	10NA	40	80	.010
2N3947	NS 211	18	MOT	60	40	6.0	.200	.360	A	200	J	300.000	G	10NA	40	160	.010
2N3948	SEE RF POWER SECTION																
2N3950	SEE RF POWER SECTION																
2N3959	NS 210	18	MOT	20	12	4.5		.400	A	200	J	1000.000	G	5NA	10	90	.010
2N3960	NS 210	18	MOT	20	12	4.5		.400	A	200	J	1200.000	G	5NA	10	90	.010
2N3961	SEE RF POWER SECTION																
2N3962	PS 211	18	FSC,TII,ITT,NSC,IMG,HUG	60	60	6.0	.200	.360	A	200	J	40.000	G	10NA	50	260	.001
2N3963	PS 211	18	FSC,TII,ITT,NSC,IMG,HUG	80	80	6.0	.200	.360	A	200	J	40.000	G	10NA	70	260	.001
2N3964	PS 211	18	FSC,TII,ITT,NSC,IMG,HUG	45	45	6.0	.200	.360	A	200	J	50.000	G	10NA	40	330	.001
2N3965	PS 211	18	FSC,TII,ITT,NSC,HUG,TIL	60	60	6.0	.200	.360	A	200	J	50.000	G	10NA	50	330	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N3973	NS 45	98	GEC,HUG	60	30	5.0	.400	.360	A	150	J	200.000	G	500NA	40	60	.150
2N3974	NS 45	98	GEC,HUG	60	30	5.0	.400	.360	A	150	J	200.000	G	500NA	40	100	.150
2N3975	NS 45	98	GEC,SPR,HUG	60	30	5.0	.400	.360	A	150	J	200.000	G	500NA	40	60	.150
2N3976	NS 45	98	GEC,SPR,HUG	60	30	5.0	.400	.360	A	150	J	200.000	G	500NA	40	100	.150
2N3977	PS 210	46	SPR,NSC,MOT	15	10	15.0	.100	.400	A	200	J	1.000	G	1NA	15	80	.005
2N3978	PS 210	46	SPR,NSC,MOT,HUG	25	20	25.0	.100	.400	A	200	J	1.000	G	1NA	25	60	.005
2N3979	PS 210	46	SPR,NSC,HUG	40	35	40.0	.100	.400	A	200	J	1.000	G	1NA	40	40	.005
2N3983	NS 43	92	TIL	30	12	3.0	.030	.200	A	150	S	300.000	G	100NA	10	45	.004
2N3984	NS 43	92	TIL	30	12	3.0	.030	.200	A	150	S	300.000	G	100NA	10	30	.004
2N3985	NS 43	92	TIL	30	12	3.0	.030	.200	A	150	S	300.000	G	100NA	10	30	.004
2N3995	PG 211	39	TII	20	12	.5	.100	.300	A	100	J	600.000	G	3µA	6	240	.025
2N3996	NS 568	111	TII,TEC,SOL,TIL,PPC	100	80	8.0	5.000	30.000	C	200	J	40.000	G	5µA	90	70	1.000
2N3997	NS 568	111	TII,TEC,TIL,SOL,PPC	100	80	8.0	5.000	30.000	C	200	J	40.000	G	5µA	90	140	1.000
2N3998	NS 581	111	TII,TEC,SOL,TIL	100	80	8.0	5.000	30.000	C	200	J	40.000	G	5µA	90	70	1.000
2N3999	NS 581	111	TII,TEC,TIL,SOL	100	80	8.0	5.000	30.000	C	200	J	40.000	G	5µA	90	140	1.000
2N4000	NS 211	5	TII,SOL,TEC,HUG,TIL,PPC	100	80	8.0	1.000	1.000	A	200	J	40.000	G	10µA	60	60	.500
2N4001	NS 211	5	TII,TEC,HUG,SOL,TIL,STI	120	100	8.0	1.000	1.000	A	200	J	40.000	G	10µA	80	70	.500
2N4002	NS 561	63	TII,TEC,WHE,SOL,TIL,PPC	100	80	8.0	30.000	100.000	C	200	J	30.000	G	1MA	90	40	15.000
2N4003	NS 561	63	TII,TEC,WHE,SOL,TIL,PPC	120	100	8.0	30.000	100.000	C	200	J	30.000	G	1MA	110	40	15.000
2N4004	NS 913 A		TII	100	80	8.0	20.000	40.000	H	200	J	30.000	G	2MA	40	68	10.000
2N4005	NS 913 A		TII	120	100	8.0	20.000	40.000	H	200	J	30.000	G	2MA	50	68	10.000
2N4006	PS 211	46	TEC,CRY	10	6	10.0	.100	.400	A	200	J	20.000	G	1NA	10	60	.001
2N4007	PS 211	46	TEC,CRY	20	15	20.0	.100	.400	A	200	J	15.000	G	1NA	20	45	.001
2N4008	PS 211	46	TEC,CRY	35	35	30.0	.100	.400	A	200	J	15.000	G	3NA	45	30	.001
2N4009			M.P.2N4006														
2N4010			M.P.2N4007														
2N4011			M.P.2N4008														
2N4012			SEE RF POWER SECTION														
2N4013	NS 211	18	TEC,HUG,ITT,SPR,STI	50	30	6.0	1.000	.360	A	200	J	300.000	G	250NA	40	90	.100
2N4014	NS 211	18	TEC,HUG,ITT,SPR,STI	80	50	6.0	1.000	.360	A	200	J	300.000	G	330NA	60	90	.100
2N4017	PS 260 A		FSC	80	80	6.0	.200	1.300	C	200	J	160.000	G	10NA	70	90	.050
2N4018	PS 260 A		FSC	60	60	6.0	.200	1.300	C	200	J	160.000	G	10NA	50	90	.050
2N4019	PS 260 A		FSC	45	45	6.0	.200	1.300	C	200	J	160.000	G	10NA	30	180	.050
2N4026	PS 211	18	FSC,ITT	60	60	5.0	1.000	.500	A	200	J	100.000	G	50NA	50	80	.100
2N4027	PS 211	18	FSC,ITT	80	80	5.0	1.000	.500	A	200	J	100.000	G	50NA	60	80	.100
2N4028	PS 211	18	FSC,ITT	60	60	5.0	1.000	.500		200	J	150.000	G	50NA	50	200	.100
2N4029	PS 211	18	FSC,ITT	80	80	5.0	1.000	.500	A	200	J	150.000	G	50NA	60	200	.100
2N4030	PS 211	5	RAY,FSC,IMG,ITT	60	60	5.0	1.000	.800	A	200	J	150.000	G	50NA	50	80	.100
2N4031	PS 211	5	FSC,IMG,ITT	80	80	5.0	1.000	.800	A	200	J	150.000	G	50NA	60	80	.100
2N4032	PS 211	5	RAY,FSC,IMG,ITT	60	60	5.0	1.000	.800	A	200	J	150.000	G	50NA	50	200	.100
2N4033	PS 211	5	FSC,IMG,ITT	80	80	5.0	1.000	.800	A	200	J	150.000	G	50NA	60	200	.100
2N4034	PS 211	18	FSC,ITT,HUG	40	40	5.0	.100	.360	A	200	J	400.000	G	15NA	30	150	.010
2N4035	PS 211	18	FSC	40	40	5.0	.100	.360	A	200	J	450.000	G	15NA	30	200	.010
2N4036	PS 210	5	RCA	90	65	7.0	1.000	1.000	A	200	J	60.000	G	2NA	60	76	.150
2N4037	PS 210	5	RCA	60	40	7.0	1.000	1.000	A	200	J	60.000	G	2NA	60	112	.150
2N4040			SEE RF POWER SECTION														
2N4041			SEE RF POWER SECTION														
2N4046	NS 211	5	FSC,ITT,RAY,TEC	50	30	6.0	.500	.800	A	200	J	250.000	G	250NA	40	90	.100
2N4047	NS 211	5	FSC,ITT,RAY,TEC	80	50	6.0	.500	.800	A	200	J	250.000	G	330NA	60	90	.100
2N4048	PG 403	68	MOT,SOL	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	90	15.000
2N4049	PG 403	68	MOT,GPD	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	90	15.000
2N4050	PG 403	68	MOT,GPD	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	90	15.000
2N4051	PG 403	68	MOT,GPD	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	124	15.000
2N4052	PG 403	68	MOT,GPD	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	124	15.000
2N4053	PG 403	68	MOT,GPD	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	124	15.000
2N4054	NS 52 A		GEC	300	300	7.0	.100	4.000	C	150	J	25.000	G	100µA	300	52	.050
2N4055	NS 52 A		GEC	250	250	7.0	.100	4.000	C	150	J	25.000	G	100µA	250	52	.050
2N4056	NS 52 A		GEC	200	200	7.0	.100	4.000	C	150	J	25.000	G	100µA	200	52	.050
2N4057	NS 52 A		GEC	150	150	7.0	.100	4.000	C	150	J	25.000	G	100µA	150	52	.050
2N4058	PS 43	92	TII,TIL,ITT	30	30	6.0	.030	.360	A	135	J	340.000	G	100NA	20	250	
2N4059	PS 43	92	TII,TIL,ITT	30	30	6.0	.030	.360	A	135	J	200.000	G	100NA	20	353	.001
2N4060	PS 43	92	TII,TIL,ITT	30	30	6.0	.030	.360	A	135	J	200.000	G	100NA	20	105	.001
2N4061	PS 43	92	TII,TIL,ITT	30	30	6.0	.030	.360	A	135	J	200.000	G	100NA	20	210	.001
2N4062	PS 43	92	TII,TIL,ITT	30	30	6.0	.030	.360	A	135	J	340.000	G	100NA	20	420	.001
2N4063	NS 635 B		RCA,STI	450	350	7.0	1.000	10.000	C	200	J	8.000	G	20µA	300	80	.020
2N4064	NS 635 B		RCA,STI	300	250	7.0	1.000	10.000	C	200	J	8.000	G	50µA	200	80	.020
2N4068	NS 211 L		RCA	150		5.0	.200	.500	A	175	J	50.000	G	50NA	120	70	.030
2N4069	NS 211 M		RCA	150		5.0	.200	1.000	A	175	J	50.000	G	50NA	120	70	.030
2N4070	NS 605	3	SOL,GSE,HUG	120	100	8.0	10.000	65.000	H	200	J	60.000	G	100NA	60	70	5.000
2N4071	NS 605	3	SOL,HUG	200	150	8.0	10.000	65.000	H	200	J	60.000	G	100NA	100	70	5.000
2N4072	NS 211	18	MOT	40	20	4.0	.100	.350	A	200	J	275.000	G	100NA	15	10	.025
2N4073	NS 211	39	MOT	40	20	4.0	.150	1.500	C	200	S	300.000	G	100NA	15	10	.025
2N4074	NS 211 L		RCA		40	8.0	.300	.400	A	175	J	50.000	G	10NA	25	150	.010
2N4075	NS 560	59	FSC	100	80	5.0	3.000	30.000	C	200	J	30.000	G	100NA	60	55	1.000
2N4076	NS 560	59	FSC	100	80	5.0	3.000	30.000	C	200	J	30.000	G	100NA	60	80	1.000
2N4077	NG 605 F		AMP	32	20	10.0	1.000	7.500	H	90	J	1.000	G	3MA	32	150	.500
2N4078	PG 605 F		AMP	32	20	10.0	1.000	7.500	H	90	J	1.000	G	2MA	32	150	.500
2N4080	PS 217	72	RAY,HUG	20	15	3.0		.200	C	200	J	1000.000	G	10NA	15	40	.003
2N4081	NS 218	104	RCA	40	40	3.0		.200	A	200	J	600.000	G	20NA	10	86	.002
2N4086	NS 45	98	PHN	12	12	5.0		.200	A	125	S	AUD	B	100NA	12	225	.002
2N4087	NS 45	98	STI	12	12	5.0		.200	A	125	S	AUD	B	100NA	12	375	.002
2N4087A	NS 45	98	STI	12	12	5.0	.100	.200	A	125	S	AUD	B	100NA	12	375	.002
2N4104	NS 211	5	TII,GIC	60	60	1.0	.050	.300	A	175	J	90.000	G	10NA	45	600	.001
2N4106	PG 120	1	AMP	25			1.000	1.600	C			1.500	G			300	.500
2N4111	NS 605	3	SOL,PPC,GSE	100	60	8.0	5.000	30.000	C	150	J	70.000	G	50µA	30	64	2.000
2N4112	NS 605	3	SOL,PPC,GSE	100	60	8.0	5.000	30.000	C	150	J	80.000	G	50µA	40	140	2.000
2N4113	NS 605	3	SOL,PPC,GSE	120	80	8.0	5.000	30.000	C	150	J	70.000	G	50µA	30	64	2.000
2N4114	NS 605	3	BEN,PPC,GSE	120	80	8.0	5.000	30.000	C	150	J	80.000	G	50µA	40	140	2.000
2N4115	NS 560	59	FSC	120	80	8.0		37.000	C	200	J	70.000	G	10µA	60	64	2.000
2N4116	NS 560	59	FSC	120	80	8.0		37.000	C	200	J	80.000	G	10µA	60	140	2.000
2N4121	PS 170 F		FSC,TEC,HUG	40	40	5.0	.100	.200	C	125	J	400.000	G	25NA	30	150	.010
2N4122	PS 170 F		TEC,HUG	40	40	5.0	.100	.200	C	125	J	450.000	G	25NA	30	200	.010
2N4123	NS 41	92	MOT,SPR,STI,ITT	40	30	5.0	.200	.310	A	135	J	250.000	G	50NA	20	100	.002
2N4124	NS 41	92	MOT,SPR,STI,ITT	30	25	5.0	.200	.310	A	135	J	300.000	G	50NA	20	240	.002
2N4125	PS 41	92	MOT,SPR,STI,ITT	30	30	4.0	.200	.310	A	135	J	200.000	G	50NA	20	100	.002
2N4126	PS 41	92	MOT,SPR,STI,ITT	25	25	4.0	.200	.310	A	135	J	250.000	G	50NA	20	240	.002
2N4127			SEE RF POWER SECTION														
2N4128			SEE RF POWER SECTION														
2N4130			SEE RF POWER SECTION														
2N4131			SEE RF POWER SECTION														
2N4132			SEE RF POWER SECTION														
2N4133			SEE RF POWER SECTION														
2N4134	NS 217	72	FSC	30	30	3.0		.200	A	200	J	350.000	G	50NA	10	80	.004
2N4135	NS 217	72	FSC	30	30	3.0		.200	A	200	J	425.000	G	50NA	10	80	.004
2N4137	NS 210	18	FSC,RAY,ITT	40	20	4.5	.200	.360	A	200	J	500.000	G	400NA	20	66	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N4138	NS 211	46	TII,CRY,TIL	30	30	15.0		.300	A	175	C	20.000	G	10NA	25	100	.001
2N4140	NS 173	106	GIC,NSC,HUG,STI	60	30	5.0	.200	.300	A	125	J	250.000	G	50NA	40	70	.150
2N4141	NS 173	106	GIC,NSC,HUG,STI	60	30	5.0	.200	.300	A	125	J	250.000	G	50NA	40	175	.150
2N4142	PS 173	106	GIC,NSC,HUG,STI	60	40	5.0	.200	.300	A	125	J	200.000	G	50NA	30	70	.150
2N4143	PS 173	106	GIC,NSC,HUG,STI	60	40	5.0	.200	.300	A	125	J	200.000	G	50NA	30	175	.150
2N4150	NS 211	5	PPC,HUG	100	80	5.0	5.000	5.000	H	200	J	15.000	G	100NA	60	70	5.000
2N4207	PS 211	18	FSC	6	6	4.5	.050	.350	A	200	J	650.000	G	10NA	3	80	.010
2N4208	PS 211	18	FSC	12	12	4.5	.050	.350	A	200	J	700.000	G	10NA	6	60	.010
2N4209	PS 211	18	FSC	15	15	4.5	.050	.350	A	200	J	850.000	G	10NA	8	80	.010
2N4210	NS 561	63	TEC,HUG,SOL,GSE	80	60	10.0	20.000	100.000	H	200	J	10.000	G	500µA	80	45	10.000
2N4211	NS 561	63	TEC,HUG,SOL,GSE	100	80	10.0	20.000	100.000	H	200	J	10.000	G	500µA	100	45	10.000
2N4225	NS 211	5	SOL,PPC	80	40	6.0	3.000	5.000	C	175	J	150.000	G	100NA	30	50	2.000
2N4226	NS 211	5	SOL,PPC	100	60	6.0	3.000	5.000	C	175	J	150.000	G	100NA	30	40	2.000
2N4227	NS 173	106	GIC,NSC,HUG	60	30	5.0	.200	.300	A	125	J	250.000	G	50NA	40	113	.150
2N4228	PS 173	106	NSC,NSC,HUG	60	40	5.0	.200	.300	A	125	J	200.000	G	50NA	30	113	.150
2N4231	NS 605	66	MOT,SOL,PPC	50	40	5.0	5.000	35.000	C	200	J	4.000	G	50µA	50	50	1.500
2N4231A	NS 605	66	MOT	40	40	5.0	3.000	75.000	C	200	J	4.000	G	100µA	40	50	1.500
2N4232	NS 605	66	MOT,SOL,PPC	70	60	5.0	5.000	35.000	C	200	J	4.000	G	50µA	70	50	1.500
2N4232A	NS 605	66	MOT	60	60	5.0	3.000	75.000	C	200	J	4.000	G	100µA	60	50	1.500
2N4233	NS 605	66	MOT,SOL,PPC	90	80	5.0	5.000	35.000	C	200	J	4.000	G	50µA	90	50	1.500
2N4233A	NS 605	66	MOT	80	80	5.0	3.000	75.000	C	200	J	4.000	G	100µA	80	50	1.500
2N4234	PS 211	5	MOT,TEC,SOL	40	40	7.0	3.000	1.000	A	200	J	3.000	G	100µA	40	66	.250
2N4235	PS 211	5	MOT,TEC,SOL	60	60	7.0	3.000	1.000	A	200	J	3.000	G	100µA	60	66	.250
2N4236	PS 211	5	MOT,TEC,FSC,SOL	80	80	7.0	3.000	1.000	A	200	J	3.000	G	100µA	80	66	.250
2N4237	NS 211	5	FSC,TEC,SOL,MOT,HUG	50	40	6.0	1.000	.800	A	200	J	1.000	G	100µA	50	68	.250
2N4238	NS 211	5	FSC,TEC,SOL,MOT,HUG	80	60	6.0	1.000	.800	A	200	J	1.000	G	100µA	80	68	.250
2N4239	NS 211	5	FSC,TEC,SOL,MOT,HUG	100	80	6.0	1.000	.800	A	200	J	1.000	G	100µA	100	68	.250
2N4240	NS 605	66	RCA	500	300	6.0	2.000	35.000	C	200	J	15.000	G	5MA	150	70	.750
2N4241	PG 605	3	AMP	32	20	20.0	5.000	37.500	C	100	C	.005	E	45µA	1	132	.300
2N4242	PG 605	3	SOL,HUG	80	70S	40.0	10.000	106.000	C	110	J	.300	G	2MA	80	60	5.000
2N4243	PG 605	3	SOL,HUG	60	55S	30.0	10.000	106.000	C	110	J	.300	G	2MA	60	60	5.000
2N4244	PG 605	3	SOL,HUG	40	40S	20.0	10.000	106.000	C	110	J	.300	G	2MA	40	60	5.000
2N4245	PG 605	3	SOL,HUG	80	70S	40.0	10.000	106.000	C	110	J	.300	G	2MA	80	90	5.000
2N4246	PG 605	3	SOL,HUG	60	55S	30.0	10.000	106.000	C	110	J	.300	G	2MA	60	90	5.000
2N4247	PG 605	3	SOL,HUG	40	40S	20.0	10.000	106.000	C	110	J	.300	G	2MA	40	90	5.000
2N4248	PS 170 F		FSC,NSC,GIC,ITT	40	40	5.0		.200	A	125	J	40.000	G	10NA	40	120	.010
2N4249	PS 170 F		FSC,NSC,GIC,ITT	60	60	5.0		.200	A	125	J	40.000	G	10NA	40	280	.010
2N4250	PS 170 F		FSC,NSC,GIC,HUG,ITT	40	40	5.0		.200	A	125	J	50.000	G	10NA	40	350	.010
2N4251	NS 211	46	FSC	15	10	4.5		.250	A	200	J	1300.000	G	1µA	10	180	.010
2N4252	NS 217	72	TII,TIL	30	18	4.0	.050	.200	A	175	A	600.000	G	50NA	15	100	.002
2N4253	NS 217	72	TII,TIL	30	18	4.0	.050	.200	A	175	A	600.000	G	50NA	15	68	.002
2N4254	NS 43	92	TII	30	18	4.0	.050	.200	A	125	A	600.000	G	100NA	15	100	.002
2N4255	NS 43	92	TII	30	18	4.0	.050	.200	A	125	A	600.000	G	100NA	15	68	.002
2N4256	NS 45	98	GEC,HUG	30	30S	5.0	.100	.200	A	100	J	100.000	G	1NA	30	220	.002
2N4257	PS 173	106	FSC,STI	6	6	4.5	.050	.200	A	125	J	500.000	G	10NA	3	60	.010
2N4257A	PS 173 A		FSC	6	6	4.5		.500	C	125	J	500.000	G			75	.010
2N4258	PS 173	106	FSC	12	12	4.5	.050	.200	A	125	J	700.000	G	10NA	6	60	.010
2N4258A	PS 173 A		FSC	12	12	4.5		.500	C	125	J	700.000	G			75	.010
2N4259	NS 217	104	RCA	40	30	2.5		.175	A	175	J	1000.000	G	10NA	15	122	.002
2N4260	PS 217	72	MOT	15	15	4.5	.030	.200	A	200	J	1200.000	G	5NA	10	68	.010
2N4261	PS 217	72	MOT	15	15	4.5	.030	.200	A	200	J	1500.000	G	5NA	10	68	.010
2N4264	NS 41	92	MOT	30	15	6.0	.200	1.000	C	150	J	300.000	G	100NA	12	80	.010
2N4265	NS 41	92	MOT	30	12	6.0	.200	1.000	C	150	J	300.000	G	100NA	12	200	.010
2N4269	NS 211	18	TEC,HUG	200	140	15.0	.030	.360	A	200	J	AUD		1µA	150	90	.010
2N4270	NS 210	5	TEC,HUG	200	140	15.0	.030	.400	A	200	J	AUD		1µA	150	90	.010
2N4271	NS 211	5	TEC,HUG,STI	175	140	8.0	1.000	5.000	H	175	C	20.000	G	50NA	30	55	.200
2N4272	NS 211	5	TEC,HUG	175	140	9.0	2.500	5.000	H	175	C	10.000	G	100NA	50	55	1.000
2N4273	NS 605	66	TEC,HUG	175	140	9.0	2.500	25.000	C	175	C	10.000	G	100NA	50	5	1.000
2N4274	PS 170 F		FSC,NSC,TEC,HUG	30	15	4.5	.100	.280	A	125	J	400.000	G	10µA	20	66	.010
2N4275	NS 170 F		FSC,NSC,TEC,HUG	40	12	4.5	.100	.280	A	125	J	400.000	G	10µA	20	66	.010
2N4276	PG 605	3	MOT	30	20	20.0	60.000	170.000	C	110	J	.002	E	4MA	30	90	15.000
2N4277	PG 605	3	MOT	30	20	20.0	60.000	170.000	C	110	J	.002	E	4MA	30	124	15.000
2N4278	PG 605	3	MOT	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	90	15.000
2N4279	PG 605	3	MOT	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	124	15.000
2N4280	PG 605	3	MOT	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	90	15.000
2N4281	PG 605	3	MOT	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	124	15.000
2N4282	PG 605	3	MOT	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	90	15.000
2N4283	PG 605	3	MOT	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	124	15.000
2N4284	PS 51 A		NSC	25	25	25.0	.050	.250	A	150	J	7.000	G	100NA	10	73	.001
2N4285	PS 51 A		NSC	35	35	35.0	.050	.250	A	150	J	7.000	G	10NA	10	73	.001
2N4286	NS 51 A		NSC	30	25	6.0	.100	.250	A	150	J	40.000	G	50NA	25	300	.001
2N4287	NS 51 A		NSC	45	45	7.0	.100	.250	A	150	J	40.000	G	10NA	30	300	.001
2N4288	PS 51 A		NSC	30	25	6.0	.100	.250	A	150	J	40.000	G	50NA	25	300	.001
2N4289	PS 51 A		NSC	60	45	7.0	.100	.250	A	150	J	40.000	G	10NA	45	300	.001
2N4290	PS 51 A		NSC	30	20	5.0	.600	.250	A	150	J	100.000	G	500NA	20	125	.100
2N4291	PS 51 A		NSC	40	30	6.0	.600	.250	A	150	J	100.000	G	200NA	30	175	.100
2N4292	NS 51 A		NSC	30	15	3.0	.050	.200	A	150	J	600.000	G	500NA	15	30	.003
2N4293	NS 51 A		NSC	30	15	3.0	.050	.200	A	150	J	600.000	G	500NA	15	30	.003
2N4294	NS 51 A		NSC	30	12	4.5	.200	.200	A	150	J	400.000	G	400NA	20	60	.010
2N4295	NS 51 A		NSC	40	15	5.0		.200	A	150	J	500.000	G	100NA	20	70	.010
2N4296	NS 605	66	RCA	350	250	4.0	1.000	20.000	C	175	J	20.000	G	100µA	350	80	.050
2N4297	NS 605	66	RCA	350	250	4.0	1.000	20.000	C	175	J	20.000	G	100µA	350	100	.050
2N4298	NS 605	66	RCA	500	350	4.0	1.000	20.000	C	175	J	20.000	G	100µA	500	30	.050
2N4299	NS 605	66	RCA	500	350	4.0	1.000	20.000	C	175	J	20.000	G	100µA	500	80	.050
2N4300	NS 211	5	TII,SOL,TEC,HUG,TIL,GSE	100	80	8.0	2.000	15.000	C	200	J	30.000	G	1µA	40	60	1.000
2N4301	NS 561	61	TII,TEC,TIL,SOL,PPC,GSE	100	80	8.0	10.000	50.000	C	200	J	40.000	G	10µA	40	60	5.000
2N4305	NS 211	5	TRW,HUG,PPC	120	80	6.0	5.000	1.500	A	200	J	100.000	G	10µA	120	88	1.000
2N4306	NS 905 A		TRW	120	80	6.0	5.000	30.000	C	200	J	100.000	G	10µA	120	88	1.000
2N4307	NS 211	5	TRW,HUG,PPC	100	60	6.0	5.000	.500	A	200	J	100.000	G	10µA	100	88	1.000
2N4308	NS 905 A		TRW	100	60	6.0	5.000	30.000	C	200	J	100.000	G	10µA	100	88	1.000
2N4309	NS 211	5	TRW,HUG,PPC	120	80	6.0	5.000	.500	A	200	J	100.000	G	10µA	120	88	1.000
2N4310	NS 905 A		TRW	120	80	6.0	5.000	30.000	C	200	J	100.000	G	10µA	120	70	1.000
2N4311	NS 211	5	TRW,HUG	100	60	6.0	5.000	1.500	A	200	J	100.000	G	10µA	100	70	1.000
2N4312	NS 905 A		TRW	100	60	6.0	5.000	30.000	C	200	J	100.000	G	10µA	100	70	1.000
2N4313	PS 173	106	FSC,STI	12	12	4.5	.100	.200	A	125	J	700.000	G	50NA	10	55	.100
2N4314	PS 211	5	RCA	90	65	7.0	1.000	1.000	A	200	J	60.000	G	250NA	60	112	.150
2N4346	PG 605	3	RCA,GPD	320	60	2.0	10.000	5.000	C	85	J	HORAMP		200µA	10	25	6.000
2N4347	NS 605	3	RCA,WHE,SOL,PPC	140	120	7.0	5.000	100.000	C	200	J	AUD	G	2MA	120	38	2.000
2N4348	NS 605	3	RCA,MOT,WHE,SOL,PPC	140	120	7.0	10.000	120.000	C	200	J	AUD		2MA	120	30	5.000
2N4350	SEE RF POWER SECTION																
2N4354	PS 173 A		FSC	60	60	5.0	.500	.350	A	125	J	100.000	G	50NA	50	175	.010
2N4355	PS 173 A		FSC	60	60	5.0	.500	.350	A	125	J	100.000	G	50NA	50	200	.010
2N4356	PS 173 A		FSC	80	80	5.0	.500	.350	A	125	J	100.000	G	50NA	50	112	.010
2N4357	PS 211	18	FSC	240	240	6.0	.100	.400	A	200	J	40.000	G	20NA	200	155	.010
2N4358	PS 211	39	FSC	240	240	6.0	.100	.700	A	200	J	40.000	G	20NA	200	155	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	Cond	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond					
2N4359	PS 211	18	FSC,HUG	45	45	5.0	.050	.360	A	200	J	20.000	G	10NA	25	200 .001
2N4383	NS 210	5	SPR,HUG	40	30	5.0	.800	.800	A			30.000	G	10NA	30	350 .010
2N4384	NS 210	18	SPR,HUG	40	30	5.0	.800	.500	A			30.000	G	10NA		350 .010
2N4385	NS 210	5	SPR,HUG	40	30	5.0	.800	.800	A			30.000	G	10NA		250 .010
2N4386	NS 210	18	SPR,HUG	40	30	5.0	.800	.500	A			30.000	G	10NA	30	250 .010
2N4387	PS 605	66	TEC,HUG,SOL	40	40	5.0	2.000	20.000	C	200	J	25.000	G	10μA	40	50 .500
2N4388	PS 605	66	TEC,HUG,SOL	60	60	5.0	.100	20.000	C	200	J	25.000	G	10μA	60	50 .500
2N4389	PS 173	106	FSC	12	12	4.0	.100	.200	A	125	J	400.000	G	100NA	6	75 .010
2N4390	NS 211	104	RCA	120	120	6.0		.500	A	175	J	50.000	G	1μA	70	40 .020
2N4395	NS 605	3	PPC	60	40		5.000	62.500	C							110 2.000
2N4396	NS 605	3	PPC	80	60		5.000	62.500	C							105 2.000
2N4397	NS 218	104	RCA	40	40	3.0		.200	A	200	J	600.000	G	20NA	10	86 .002
2N4398	PS 605	3	MOT,TII,TIL,PPC	40	40	5.0	30.000	200.000	C	200	J	4.000	G	1MA	40	30 15.000
2N4399	PS 605	3	MOT,TII,TIL,PPC	60	60	5.0	30.000	200.000	C	200	J	4.000	G	1MA	60	30 15.000
2N4400	NS 41	92	MOT,ITT	60	40	6.0	.600	.310	A	135	J	200.000	G	100NA	35	100 .150
2N4401	NS 41	92	MOT,ITT	60	40	6.0	.600	.310	A	135	J	250.000	G	100NA	35	200 .150
2N4402	PS 41	92	MOT,ITT	40	40	5.0	.600	.310	A	135	J	150.000	G	100NA	35	100 .150
2N4403	PS 41	92	MOT,ITT	40	40	5.0	.600	.310	A	135	J	200.000	G	100NA	35	200 .150
2N4404	PS 210	39	MOT	80	80	5.0	1.000	1.250	A	200	J	200.000	G	25NA	60	70 .150
2N4405	PS 210	39	MOT	80	80	5.0	1.000	1.250	A	200	J	200.000	G	25NA	60	175 .150
2N4406	PS 210	39	MOT	80	80	5.0	2.000	1.250	A	200	J	150.000	G	25NA	60	50 .150
2N4407	PS 210	39	MOT	80	80	5.0	2.000	1.250	A	200	J	150.000	G	25NA	60	131 .150
2N4409	NS 41	92	MOT	80	50	5.0	.250	.625	A	150	S	60.000	G	10NA	60	160 .010
2N4410	NS 41	92	MOT	120	80	5.0	.250	.625	A	150	S	60.000	G	10NA	100	160 .010
2N4411	PS 217	72	MOT	15	12	5.0	.025	.150	A	200	J	400.000	G	5NA	6	80 .001
2N4412	PS 210	5	SPR,HUG	40	30	5.0	.600	.600	A	200	J	20.000	G	10NA	30	300 .001
2N4412A	PS 210	5	SPR,HUG	60	60	5.0	.600	.600	A	200	J	20.000	G	10NA	30	300 .001
2N4413	PS 210	18	SPR,HUG	40	30	5.0	.600	.400	A	200	J	20.000	G	10NA	30	300 .001
2N4413A	PS 210	18	SPR,HUG	60	60	5.0	.600	.400	A	200	J	20.000	G	10NA	30	300 .001
2N4414	PS 210	5	SPR,HUG	40	30	5.0	.600	.600	A	200	J	20.000	G	10NA	30	200 .001
2N4414A	PS 210	5	SPR,HUG	60	60	5.0	.600	.600	A	200	J	20.000	G	10NA	30	200 .001
2N4415	PS 210	18	SPR,HUG	40	30	5.0	.600	.400	A	200	J	20.000	G	10NA	30	200 .001
2N4415A	PS 210	18	SPR,HUG	60	60	5.0	.600	.400	A	200	J	20.000	G	10NA	30	200 .001
2N4418	NS 40	92	TII,ITT	30	15	6.0	.200	.310	A	135	J	300.000	G	400NA	20	100 .010
2N4419	NS 40	92	TII,ITT	30	12	6.0	.200	.310	A	135	J	300.000	G	400NA	20	250 .010
2N4420	NS 40	92	TII,ITT	40	40	5.0	.200	.200	A	125	J	350.000	G	500NA	20	75 .030
2N4421	NS 40	92	TII,ITT	40	40	5.0	.200	.200	A	125	J	350.000	G	500NA	20	75 .030
2N4422	NS 40	92	TII,ITT	40	40	5.0	.200	.200	A	125	J	350.000	G	500NA	20	75 .030
2N4423	PS 168 A		TII	12	12	4.0	.200	.360	A	150	S	400.000	G	1μA	6	95 .030
2N4424	NS 45	98	SPR,GEC,HUG	40	40	5.0	.500	.360	A	150	J			100NA	40	312 .002
2N4425	NS 45 B		SPR,GEC,HUG	40	40	5.0	.500	.560	A	150	J			100NA	40	312 .002
2N4427			SEE RF POWER SECTION													
2N4428			SEE RF POWER SECTION													
2N4429			SEE RF POWER SECTION													
2N4430			SEE RF POWER SECTION													
2N4431			SEE RF POWER SECTION													
2N4433	NS 218	72	AMP		50		.030	.165	A			200.000	G			8
2N4436	NS 173	106	FSC	60	30	5.0	.500	.200	A	125	J	150.000	G	50NA	50	70 .150
2N4437	NS 173	106	FSC	60	30	5.0	.500	.200	A	125	J	250.000	G	50NA	50	175 .150
2N4438	NS 211	39	FSC	300	300	8.0	.200	1.000	A	200	J	30.000	G	1μA	200	160 .050
2N4439	NS 211	39	FSC	300	300	8.0	.200	1.000	A	200	J	30.000	G	1μA	200	70 .050
2N4440			SEE RF POWER SECTION													
2N4862	NS 211	46	SOL,HUG	140	120	8.0	2.000	4.000	H	200	J	50.000	G	100NA	60	88 .500
2N4863	NS 211	5	SOL,HUG,PPC,GSE	140	120	8.0	2.000	4.000	H	200	J	50.000	G	100NA	60	88 .500
2N4864	NS 605	66	SOL,TEC,HUG,GSE	140	120	8.0	2.000	16.600	H	200	J	50.000	G	100NA	60	88 .500
2N4865	NS 561	114	SOL,TEC,HUG	100	80	8.0	90.000	200.000	H	200	J			1μA	60	20 70.000
2N4866	NS 561	114	SOL,TEC,HUG	140	120	8.0	90.000	200.000	H	200	J			1μA	60	20 70.000
2N4872	PS 211	18	FSC	12	12	4.5	.050	.300	A	200	J	900.000	G	10NA	6	65 .010
2N4873	NS 211	18	FSC	40	15	4.5	.200	.360	A	200	J	700.000	G	400NA	20	120 .010
2N4874			SEE RF POWER SECTION													
2N4875			SEE RF POWER SECTION													
2N4876			SEE RF POWER SECTION													
2N4877	NS 211	39	MOT	70	60	5.0	30.000	10.000	C	200	J	30.000	G	100μA	70	45 4.000
2N4888	PS 173 A		FSC	150	150	6.0		.300	A	125	J	30.000	G	50NA	100	45 .010
2N4889	PS 173 A		FSC	150	150	6.0		.300	A	125	J	40.000	G	10NA	100	150 .010
2N4890	PS 210	5	MOT	60	40	5.0	.700	1.000	A	200	J	100.000	G	250NA	60	110 .150
2N4895	NS 211	39	FSC,SOL,HUG	120	60	6.0	5.000	.800	A	200	J	50.000	G	1μA	60	75 2.000
2N4896	NS 211	39	FSC,SOL,HUG	120	60	6.0	5.000	.800	A	200	J	80.000	G	1μA	60	150 2.000
2N4897	NS 211	39	FSC,SOL,HUG	150	80	6.0	5.000	.800	A	200	J	50.000	G	1μA	100	75 2.000
2N4898	PS 605	66	MOT,SOL	40	40	5.0	4.000	25.000	C	200	J	3.000	G	100μA	40	46 .500
2N4899	PS 605	66	MOT,SOL	60	60	5.0	4.000	25.000	C	200	J	3.000	G	100μA	60	46 .500
2N4900	PS 605	66	MOT,SOL	80	80	5.0	4.000	25.000	C	200	J	3.000	G	100μA	80	46 .500
2N4901	PS 605	3	MOT,TII,SOL,TIL,PPC	40	40	5.0	5.000	87.500	C	200	J	4.000	G	100μA	40	40 1.000
2N4902	PS 605	3	MOT,TII,SOL,TIL,PPC	60	60	5.0	5.000	87.500	C	200	J	4.000	G	100μA	60	40 1.000
2N4903	PS 605	3	MOT,TII,TIL,SOL,PPC	80	80	5.0	5.000	87.500	C	200	J	4.000	G	100μA	80	40 1.000
2N4904	PS 605	3	MOT,TII,SOL,TIL,PPC	40	40	5.0	5.000	87.500	C	200	J	4.000	G	100μA	40	50 2.500
2N4905	PS 605	3	MOT,TII,SOL,TIL,PPC	60	60	5.0	5.000	87.500	C	200	J	4.000	G	100μA	60	50 2.500
2N4906	PS 605	3	MOT,TII,SOL,TIL,PPC	80	80	5.0	5.000	87.500	C	200	J	4.000	G	100μA	80	50 2.500
2N4907	PS 605	3	MOT,SOL,PPC	40	40	5.0	10.000	150.000	C	200	J	4.000	G	2MA	40	40 4.000
2N4908	PS 605	3	MOT,SOL,PPC	60	60	5.0	10.000	150.000	C	200	J	4.000	G	2MA	60	40 4.000
2N4909	PS 605	3	MOT,SOL,PPC	80	80	5.0	10.000	150.000	C	200	J	4.000	G	2MA	80	40 4.000
2N4910	NS 605	66	MOT,SOL,PPC	40	40	5.0	1.000	25.000	C	200	J	3.000	G	100μA	40	46 .500
2N4911	NS 605	66	MOT,SOL,PPC	60	60	5.0	1.000	25.000	C	200	J	3.000	G	100μA	60	46 .500
2N4912	NS 605	66	MOT,SOL,PPC	80	80	5.0	1.000	25.000	C	200	J	3.000	G	100μA	80	46 .500
2N4913	NS 605	3	MOT,TII,HUG,TIL,SOL,STI	40	40	5.0	5.000	87.500	C	200	J	4.000	G	1MA	40	50 2.500
2N4914	NS 605	3	MOT,TII,HUG,TIL,SOL,STI	60	60	5.0	5.000	87.500	C	200	J	4.000	G	1MA	60	50 2.500
2N4915	NS 605	3	MOT,TII,TIL,SOL	80	80	5.0	5.000	87.500	C	200	J	4.000	G	1MA	80	50 2.500
2N4916	PS 173	106	FSC,STI	30	30	5.0	.100	.200	A	125	J	400.000	G	25NA	15	150 .010
2N4917	PS 173	106	FSC,STI	30	30	5.0	.100	.200	A	125	J	450.000	G	25NA	15	200 .010
2N4918	PS 48 A		MOT	40	40	5.0	3.000	30.000	C	150	J	3.000	G	100μA	40	46 .500
2N4919	PS 48 A		MOT	60	60	5.0	3.000	30.000	C	150	J	3.000	G	100μA	60	46 .500
2N4920	PS 48 A		MOT	80	80	5.0	3.000	30.000	C	150	J	3.000	G	100μA	80	46 .500
2N4921	NS 48 A		MOT	40	40	5.0	3.000	30.000	C	150	J	3.000	G	100μA	40	46 .500
2N4922	NS 48 A		MOT	60	60	5.0	3.000	30.000	C	150	J	3.000	G	100μA	60	46 .500
2N4923	NS 48 A		MOT	80	80	5.0	3.000	30.000	C	150	J	3.000	G	100μA	80	46 .500
2N4924	NS 211	39	MOT	100	100	5.0	.200	1.000	A	200	C	100.000	G	100NA	50	90 .150
2N4925	NS 211	39	MOT	150	150	5.0	.200	1.000	A	200	C	100.000	G	100NA	75	90 .150
2N4926	NS 211	39	MOT	200	200	7.0	.050	5.000	C	200	C	30.000	G	100NA	100	70 .030
2N4927	NS 211	39	MOT	250	250	7.0	.050	5.000	C	200	C	30.000	G	100NA	150	70 .030
2N4928	PS 211	5	MOT	100	100	4.0	.100	.600	A	200	S	500.000	G	500NA	50	113 .010
2N4929	PS 211	39	MOT	150	150	4.0	.050	1.000	A	200	S	500.000	G	500NA	75	113 .010
2N4930	PS 211	39	MOT	200	200	4.0	.050	1.000	A	200	S	100.000	G	1μA	150	113 .010
2N4931	PS 211	39	MOT	250	250	4.0	.050	1.000	A	200	S	100.000	G	1μA	150	113 .010
2N4932			SEE RF POWER SECTION													
2N4933			SEE RF POWER SECTION													

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N4934	NS 218	104	RCA	40	40	3.0		.200	A	200	J	700.000	G	10NA	15	80	.002
2N4935	NS 218	104	RCA	40	40	3.0		.200	A	200	J	700.000	G	10NA	15	110	.002
2N4936	NS 218	104	RCA	50	30	3.0		.200	A	200	J	700.000	G	10NA	15	120	.002
2N4943	NS 211	5	NSC	120	80	7.0	1.000	.800	A	200	J	150.000	G	10NA	60	175	.150
2N4944	NS 173	106	FSC	80	40	5.0		.220	A	125	J	60.000	G	50NA	40	80	.150
2N4945	NS 173	106	FSC	80	60	5.0		.220	A	125	J	60.000	G	50NA	40	80	.150
2N4946	NS 173	106	FSC	80	40	5.0		.220	A	125	J	60.000	G	50NA	40	150	.150
2N4950	NS 563	114	SPC,STC	80	60	10.0	70.000	300.000	C	200	J	.100	G	2MA	60	15	50.000
2N4951	NS 45	98	SPR,HUG	60	30	5.0	.500	.360	A	150	J	250.000	G	50NA	40	110	.150
2N4952	NS 45	98	SPR,HUG	60	30	5.0	.500	.360	A	150	J	250.000	G	50NA	40	176	.150
2N4953	NS 45	98	SPR,HUG	60	30	5.0	.500	.360	A	150	J	250.000	G	50NA	40	350	.150
2N4954	NS 45	98	SPR,HUG	40	30	5.0	.500	.360	A	150	J	250.000	G	50NA	30	210	.150
2N4957	PS 217	72	MOT	30	30	3.0	.030	.200	A	200	S	1850.000	G	100NA	20	40	.002
2N4958	PS 217	72	MOT	30	30	3.0	.030	.200	A	200	S	1750.000	G	100NA	20	40	.002
2N4959	PS 217	72	MOT	30	30	3.0	.030	.200	A	200	S	1750.000	G	100NA	20	40	.002
2N4960	NS 211	39	FSC	60	60	6.5		.800	A	200	J	250.000	G	10NA	50	100	.150
2N4961	NS 211	39	FSC	80	80	6.5		.800	A	200	J	250.000	G	10NA	50	100	.150
2N4962	NS 211	18	FSC	60	60	6.5		.500	A	200	J	250.000	G	10NA	50	100	.150
2N4963	NS 211	18	FSC	80	80	6.5		.500	A	200	J	250.000	G	10NA	50	100	.150
2N4964	PS 173	106	NSC,STI	50	40	5.0	.100	.200	A	125	J	60.000	G	25NA	20	60	.001
2N4965	PS 173	106	NSC,STI	50	40	5.0	.100	.200	A	125	J	60.000	G	25NA	20	180	.001
2N4966	NS 173	106	NSC,STI	50	40	6.0	.030	.200	A	125	J	40.000	G	25NA	25	90	.001
2N4967	NS 173	106	NSC,STI	50	40	6.0	.030	.200	A	125	J	40.000	G	25NA	25	250	.001
2N4968	NS 173	106	NSC,STI	30	25	6.0	.030	.200	A	125	J	40.000	G	50NA	25	90	.001
2N4969	NS 173	106	NSC,STI	50	30	5.0	.500	.200	A	125	J	150.000	G	50NA	30	70	.150
2N4970	NS 173	106	NSC,STI	50	30	5.0	.500	.200	A	125	J	200.000	G	50NA	30	188	.150
2N4971	PS 173	106	NSC,STI	50	40	5.0	.500	.200	A	125	J	200.000	G	25NA	30	70	.150
2N4972	PS 173	106	NSC,STI	50	40	5.0	.500	.200	A	125	J	200.000	G	25NA	30	175	.150
2N4974	PS 216	12	MOT	40	30	10.0	1.000	.800	A	200	J	275.000	G	10NA	30		.010
2N4975	PS 216	12	MOT	40	30	10.0	1.000	.800	A	200	J	275.000	G	10NA	30		.010
2N4980	PS 211	46	NSC	30	30	30.0	.100	.400	A	200	J	10.000	G	1NA	30	135	.001
2N4981	PS 211	46	NSC	50	50	50.0	.100	.400	A	200	J	5.000	G	3NA	50	90	.001
2N4982	PS 211	46	NSC	70	70	70.0	.100	.400	A	200	J	3.000	G	5NA	70	68	.001
2N4994	NS 168 A		TII	60	45	4.0	.030	.360	A	150	J	200.000	G	100NA	30	80	.010
2N4995	NS 168 A		TII	60	45	4.0	.030	.360	A	150	J	200.000	G	100NA	30	200	.010
2N4996	NS 168 A		TII,TIL	30	18	4.0	.050	.250	A	150	J	600.000	G	100NA	15	75	.002
2N4997	NS 168 A		TII,TIL	30	18	4.0	.050	.250	A	150	J	600.000	G	100NA	15	68	.002
2N4998	NS 560	59	FSC,SOL		100S	6.0	2.000	30.000	H	200	J	50.000	G	1μA	60	63	1.000
2N4999	PS 560	50	FSC,SOL	100	80	5.5	5.000	50.000	H	200	J	60.000	G	1μA	60	50	2.500
2N5000	NS 560	59	FSC,SOL		100S	6.0	2.000	30.000	H	200	J	60.000	G	1μA	60	110	1.000
2N5001	PS 560	50	FSC,SOL	100	80	5.5	5.000	50.000	H	200	J	70.000	G	1μA	60	114	2.500
2N5002	NS 560	59	FSC,SOL,GSE	100	100S	6.0	5.000	50.000	H	200	J	60.000	G	1μA	60	64	2.500
2N5003	PS 560	50	FSC,SOL	100	80	5.5	2.000	30.000	H	200	J	50.000	G	1μA	60	40	1.000
2N5004	NS 560	59	FSC,SOL,GSE	100	100S	6.0	5.000	50.000	H	200	J	70.000	G	1μA	60	114	2.500
2N5005	PS 560	50	FSC,SOL	100	80	5.5	2.000	30.000	H	200	J	60.000	G	1μA	60	88	1.000
2N5006	NS 560	61	FSC,SOL		100S	6.0	10.000	100.000	H	200	J	30.000	G	1MA	60	42	5.000
2N5007	PS 560	61	FSC,SOL	100	80	5.5	10.000	100.000	H	200	J	30.000	G	1μA	60	52	5.000
2N5008	NS 560	61	FSC,SOL		100S	6.0	10.000	100.000	H	200	J	40.000	G	1μA	60	108	5.000
2N5009	PS 560	61	FSC,SOL	100	80	5.5	10.000	100.000	H	200	J	30.000	G	1μA	60	120	5.000
2N5010	NS 211	5	STC,STI	500	500R	5.0	.500	2.000	H	200	S	20.000	G	6μA	400	75	.025
2N5011	NS 211	5	STC,STI	600	600R	5.0	.500	2.000	H	200	S	20.000	G	6μA	500	75	.025
2N5012	NS 211	5	STC,STI	700	700R	5.0	.500	2.000	H	200	S	20.000	G	6μA	580	75	.025
2N5013	NS 211	5	STC,STI	800	800R	5.0	.500	2.000	H	200	S	20.000	G	12μA	650	75	.020
2N5014	NS 211	5	STC	900	900R	5.0	.500	2.000	H	200	S	20.000	G	12μA	700	75	.020
2N5015	NS 211	5	STC	999	999R	5.0	.500	2.000	H	200	S	20.000	G	12μA	760	75	.020
2N5016	SEE RF POWER SECTION																
2N5017	NS 970 A		RCA		65X	4.0	4.500	30.000	C	200	J	600.000	G	10MA	30	4	
2N5022	PS 211	39	FSC,RAY	50	50	5.0	1.000	1.000	A	200	J	170.000	G	100NA	30	45	.500
2N5023	PS 211	39	FSC,RAY	30	30	5.0	1.000	1.000	A	200	J	200.000	G	100NA	20	60	.500
2N5025	SEE RF POWER SECTION																
2N5026	SEE RF POWER SECTION																
2N5027	NS 45	98	GEC	60	30	5.0	.350	.320	A	120	J	250.000	G	100NA	40	88	.150
2N5028	NS 45	98	GEC	60	30	5.0	.350	.320	A	120	J	250.000	G	100NA	40	176	.150
2N5029	NS 45	98	GEC	40	15	4.5	.200	.320	A	120	J	500.000	G	250NA	20	70	.010
2N5030	NS 45	98	GEC	30	12	4.0	.200	.320	A	120	J	400.000	G	250NA	20	60	.100
2N5031	NS 217	72	MOT	15	10	3.0	.020	.200	A	200	A	1000.000	G	10NA	6	100	.001
2N5032	NS 217	72	MOT	15	10	3.0	.020	.200	A	200	A	1000.000	G	10NA	6	100	.001
2N5034	NS 980 A		RCA,WHE	55	40	5.0	6.000	83.000	C	150	J	.800	G	1MA	35	40	4.000
2N5035	NS 981 A		RCA	55	40	5.0	6.000	83.000	C	150	J	.800	G	1MA	35	40	4.000
2N5036	NS 980 A		RCA,WHE	70	50	5.0	8.000	83.000	C	150	J	.800	G	1MA	35	40	5.000
2N5037	NS 981 A		RCA	70	50	5.0	8.000	83.000	C	150	J	.800	G	1MA	50	40	5.000
2N5038	NS 605	3	RCA,WHE,PPC	150	90	7.0	20.000	140.000	C	200	J	60.000	G	20MA	70	100	2.000
2N5039	NS 605	3	RCA,WHE,PPC	120	75	7.0	20.000	140.000	C	200	J	60.000	G	20MA	55	68	2.000
2N5040	PS 173	105	FSC	25	25	4.0		.300	A	125	J	80.000	G	50NA	15	75	.500
2N5041	PS 173	105	FSC	40	40	5.0		.300	A	125	J	100.000	G	50NA	30	65	.500
2N5042	PS 211	39	FSC	40	40	5.0		.800	A	200	J	100.000	G	50NA	30	75	.150
2N5043	PG 217	72	TII	15	7	.3	.030	.030	A	125	J	1500.000	G	6μA	10	53	.003
2N5044	PG 217	72	TII	15	7	.3	.030	.030	A	125	J	1500.000	G	6μA	10	53	.003
2N5048	NS 561	61	GEC	60	50	14.0	10.000	100.000	C	175	J	10.000	G	10MA	60	30	10.000
2N5049	NS 561	61	GEC	120	100	14.0	10.000	100.000	C	175	J	10.000	G	1MA	120	30	10.000
2N5050	NS 605	66	MOT	125	125	6.0	2.000	40.000	C	175	J	10.000	G	500μA	125	50	.750
2N5051	NS 605	66	MOT	150	150	6.0	2.000	40.000	C	175	J	10.000	G	500μA	150	50	.750
2N5052	NS 605	66	MOT	200	200	6.0	2.000	40.000	C	175	J	10.000	G	500μA	200	50	.750
2N5053	NS 217	72	AMP	30	15	3.0	.025	.200	A	200	J	1300.000	G	10NA	15	52	.025
2N5054	NS 217	72	AMP	30	15	3.0	.025	.200	A	200	J	1500.000	G	10NA	15	52	.025
2N5055	PS 173	106	FSC	12	12	4.5	.100	.200	A	125	J	550.000	G	50NA	10	55	.100
2N5056	PS 211	18	FSC,ITT	15	15	4.5	.100	.360	A	200	J	800.000	G	50NA	10	65	.030
2N5057	PS 211	18	FSC,ITT	15	15	4.5	.100	.360	A	200	J	800.000	G	50NA	10	70	.030
2N5058	NS 211	5	TII,STI	300	300	7.0	.150	1.000	A	175	J	30.000	G	50NA	100	73	.030
2N5059	NS 211	5	TII,STI	250	250	6.0	.150	1.000	A	175	J	30.000	G	50NA	100	68	.030
2N5065	NS 211 K		FSC	25	15	4.0	1.000	.600	A	200	J	500.000	G	8μA	15	88	.300
2N5066	NS 211	46	CRY	30	20	30.0	.100	.400	A	200	J	5.000	G	1NA	30	6	.001
2N5067	NS 605	3	MOT,HUG,STI	40	40	5.0	5.000	87.500	C	200	J	4.000	G	1MA	40	40	1.000
2N5068	NS 605	3	MOT,HUG,STI	60	60	5.0	5.000	87.500	C	200	J	4.000	G	1MA	60	40	1.000
2N5069	NS 605	3	MOT,HUG	80	80	5.0	5.000	87.500	C	200	J	4.000	G	1MA	80	40	1.000
2N5070	SEE RF POWER SECTION																
2N5071	SEE RF POWER SECTION																
2N5074	NS 560	59	SOL	200	200	6.0	3.000	40.000	H	200	J	40.000	G	250NA	200	58	.500
2N5075	NS 560	59	SOL	200	200	6.0	3.000	40.000	H	200	J	40.000	G	250NA	200	152	.500
2N5076	NS 560	59	SOL	250	250	6.0	3.000	40.000	H	200	J	40.000	G	250NA	250	58	.500
2N5077	NS 560	59	SOL	250	250	6.0	3.000	40.000	H	200	J	40.000	G	250NA	250	152	.500
2N5083	NS 560	59	FSC	120	60	6.0	10.000	35.000	C	200	J	50.000	G	1MA	120	70	2.000
2N5084	NS 560	59	FSC	120	60	6.0	10.000	35.000	C	200	J	80.000	G	1MA	120	175	2.000
2N5085	NS 560	59	FSC	150	80	6.0	10.000	35.000	C	200	J	50.000	G	1MA	150	70	2.000
2N5086	PS 41	92	MOT,ITT	50	50	3.0	.050	.310	A	135	J	120.000	G	50NA	35	276	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N5087	PS 41	92	MOT,ITT	50	50	3.0	.050	.310	A	135	J	150.000	G	50NA	35	450	.001
2N5088	NS 41	92	MOT	35	30	3.0	.050	1.000	C	150	J	50.000	G	50NA	20	524	.001
2N5089	NS 41	92	MOT	30	25	3.0	.050	1.000	C	150	J	50.000	G	50NA	15	700	.001
2N5090			SEE RF POWER SECTION														
2N5092	NS 211	5	STC,STI	400	350	6.0	1.000	2.000	H	175	A	50.000	G	500NA	300	75	.100
2N5093	PS 211	5	STI	400	350R			1.000	A			20.000	G	500NA	250	20	.100
2N5094	PS 211	5	STI	400	350R			1.000	A			20.000	G	500NA	300	20	.100
2N5095	NS 211	5	STC,STI	500	400	6.0	1.000	2.000	H	175	A	50.000	G	500NA	400	75	.100
2N5097	NS 211	5	STC,STI	600	450	6.0	1.000	2.000	H	175	A	50.000	G	500NA	500	75	.100
2N5098	NS 211	5	STC	700	500	6.0	1.000	2.000	H	175	A	50.000	G	500NA	550	75	.100
2N5099	NS 211	5	STC	800	550	6.0	1.000	2.000	H	175	A	50.000	G	500NA	600	75	.100
2N5100	PS 635 B		STI	450	400R			2.000	A			20.000	G	500NA	300	20	.100
2N5101	NS 635 B		STC	500	400	6.0	1.000	10.000	H	175	A	50.000	G	500NA	400	75	.100
2N5102			SEE RF POWER SECTION														
2N5106	NS 210	39	FSC	60	30	5.0	.500	.800	A	200	J	250.000	G	10NA	50	175	.150
2N5107	NS 210	18	FSC	60	30	5.0	.500	.360	A	200	J	250.000	G	10NA	50	175	.150
2N5108			SEE RF POWER SECTION														
2N5108A			SEE RF POWER SECTION														
2N5109			SEE RF POWER SECTION														
2N5110	PS 211	5	STC	40	40	10.0	1.000	5.000	C	175	J	1.000	G	100µA	20	12	1.000
2N5111	PS 211	5	STC	80	80	10.0	1.000	5.000	C	175	J	1.000	G	100µA	40	12	1.000
2N5112	PS 561	59	STC	40	40	10.0	1.000	34.000	C	175	J	1.000	G	100µA	20	12	1.000
2N5113	PS 561	59	STC	80	80	10.0	1.000	34.000	C	175	J	1.000	G	100µA	40	12	1.000
2N5126	NS 173	106	FSC,NSC	20	20	3.0		.200	A	125	J	300.000	G	50NA	10	70	.004
2N5127	NS 173	106	FSC,NSC,STI	20	12	3.0		.200	A	125	J	150.000	G	50NA	10	70	.015
2N5128	NS 173	105	FSC,NSC,STI	15	12	3.0		.300	A	125	J	150.000	G	50NA	10	75	.005
2N5129	NS 173	106	FSC,NSC,STI	15	12	3.0		.200	A	125	J	150.000	G	50NA	10	75	.050
2N5130	NS 173	106	FSC,NSC,STI	30	12	1.0		.200	A	125	J	450.000	G	50NA	10	50	.008
2N5131	NS 173	106	FSC,NSC,STI	20	15	3.0		.200	A	125	J	100.000	G	50NA	10	150	.010
2N5132	NS 173	106	FSC,NSC,STI	20	20	3.0		.200	A	125	J	200.000	G	50NA	10	130	.010
2N5133	NS 173	106	FSC,NSC,STI	20	18	3.0		.200	A	125	J	40.000	G	50NA	15	220	.001
2N5134	NS 173	106	FSC,STI	20	10	3.5	.100	.200	A	125	J	400.000	G	400NA	15	66	.010
2N5135	NS 173	105	FSC,NSC,STI	30	25	4.0		.300	A	125	J	40.000	G	300NA	15	400	.010
2N5136	NS 173	105	FSC,NSC,STI	30	20	3.0		.300	A	125	J	40.000	G	100NA	20	100	.150
2N5137	NS 173	106	FSC,NSC,STI	30	20	3.0		.220	A	125	J	40.000	G	100NA	20	100	.150
2N5138	PS 173	106	FSC,NSC,STI	30	30	5.0		.200	A	125	J	30.000	G	10NA	20	120	.010
2N5139	PS 173	106	FSC,NSC,STI	20	20	5.0	.100	.200	A	125	J	300.000	G	50NA	15	150	.010
2N5140	PS 173	106	FSC,STI	5	5	4.0	.050	.200	A	125	J	400.000	G	50NA	3	50	.010
2N5141	PS 173	106	FSC,STI	6	6	6.0	.100	.200	A	125	J	300.000	G	100NA	4	55	.100
2N5142	PS 173	105	FSC,NSC,STI	20	20	4.0	.500	.300	A	125	J	100.000	G	35NA	12	50	.300
2N5143	PS 173	106	FSC,NSC,STI	20	20	4.0	.500	.200	A	125	J	100.000	G	35NA	12	50	.300
2N5144	NS 211	18	FSC	50	30	6.0	.500	.360	A	200	J	300.000	G	250NA	40	90	.100
2N5145	NS 211	39	FSC	50	30	6.0	.500	.800	A	200	J	300.000	G	250NA	40	90	.100
2N5147	PS 211	39	FSC,HUG,SOL,PPC	100	80	5.5	2.000	7.000	C	200	J	50.000	G	1MA	100	60	1.000
2N5148	NS 211	39	FSC,SOL,HUG,PPC,GSE	100	80	6.0	2.000	7.000	C	200	J	50.000	G	1µA	60	60	1.000
2N5149	PS 211	39	FSC,SOL,PPC	100	80	5.5	2.000	7.000	C	200	J	60.000	G	1MA	100	135	1.000
2N5150	NS 211	39	FSC,SOL,HUG,PPC,GSE	100	80	6.0	2.000	7.000	C	200	J	60.000	G	1µA	60	135	1.000
2N5151	PS 211	39	FSC,HUG,SOL,PPC	100	80	5.5	5.000	11.600	C	200	J	60.000	G	1µA	60	50	2.500
2N5152	NS 211	39	FSC,SOL,HUG,PPC	100	80	6.0	2.000	11.600	C	200	J	60.000	G	1µA	60	60	2.500
2N5153	PS 211	39	FSC,HUG,SOL,PPC	100	80	5.5	5.000	11.600	C	200	J	70.000	G	1µA	60	135	2.500
2N5154	NS 211	39	FSC,SOL,HUG,PPC	100	80	6.0	2.000	11.600	C	200	J	70.000	G	1µA	60	135	2.500
2N5155	PG 605	3	DEL,MOT,SOL	140	120	1.5	15.000	106.000	C	110	J	.100	G	10MA	140	75	8.000
2N5156	PG 605	3	DEL,GPD,MOT	100	60	60.0	10.000	93.000	C	100	J	.150	G	4MA	100	43	5.000
2N5157	NS 605	3	DEL,SOL	700	500	6.0	3.500	100.000	C	150	J	2.800	G	250µA	500	60	1.000
2N5160			SEE RF POWER SECTION														
2N5161			SEE RF POWER SECTION														
2N5162			SEE RF POWER SECTION														
2N5172	NS 45	98	GEC,SPR	25	25	5.0	.100	.200	A	100	J	120.000	G	100NA	25	224	.010
2N5174	NS 45	98	GEC	90	75	5.0	.025	.200	A	100	J			500NA	60	190	.010
2N5175	NS 45	98	GEC	130	100	5.0	.025	.200	A	100	J			500NA	60	96	.010
2N5176	NS 45	98	GEC	130	100	5.0	.025	.200	A	100	J			500NA	60	214	.010
2N5177			SEE RF POWER SECTION														
2N5178			SEE RF POWER SECTION														
2N5179	NS 217	72	RCA,MOT	20	12	2.5	.050	.200	A	200	J	1000.000	G	25NA	15	70	.003
2N5180	NS 218	72	RCA	30	15	2.0		.180	A	175	J	650.000	G	25NA	1	70	.002
2N5181	NS 218	104	RCA	45		3.0	.050	.180	A	175	J	700.000	G	1µA	45	96	.001
2N5182	NS 218	104	RCA	45		3.0	.004	.180	A	175	J	700.000	G	1µA	45	96	.001
2N5183	NS 211	104	RCA	18	18	7.0	1.000	.500	A	175	J	125.000	G	500NA	12	150	.010
2N5184	NS 211	104	RCA		120	5.0	.050	.500	A	175	J	30.000	G	100NA	120	56	.050
2N5185	NS 211 M		RCA		120	5.0	.050	1.000	A	175	J	30.000	G	100NA	120	56	.050
2N5186	NS 211	52	RCA	10		3.0	.300	.300	A	200	J	400.000	G	50NA	5	50	.010
2N5187	NS 211	52	RCA	25	10	5.0	.500	.300	A	200	J	400.000	G	450NA	20	50	.030
2N5188	NS 211	39	RCA	60	25	5.0		.800	A	200	J	325.000	G	500NA	30	40	.500
2N5189	NS 211 Q		RCA	60	35	5.0		.800	A	200	J	250.000	G	500NA	30	16	.100
2N5190	NS 48 A		MOT	40	40		4.000	40.000	C	150	J	2.000	G	100µA	40	50	1.500
2N5191	NS 48 A		MOT	60	60		4.000	40.000	C	150	J	2.000	G	100µA	60	50	1.500
2N5192	NS 48 A		MOT	80	80		4.000	40.000	C	150	J	2.000	G	100µA	80	40	1.500
2N5193	PS 48 A		MOT	40	40		4.000	40.000	C	150	J	2.000	G	100µA	40	50	1.500
2N5194	PS 48 A		MOT	60	60		4.000	40.000	C	150	J	2.000	G	100µA	60	50	1.500
2N5195	PS 48 A		MOT	80	80		4.000	40.000	C	150	J	2.000	G	100µA	80	40	1.500
2N5200	NS 211	46	FSC	20	20	4.5		.300	A	200	J	1100.000	G	10NA	10	88	.010
2N5201	NS 211	46	FSC	20	20	4.5		.300	A	200	J	1100.000	G	10NA	10	88	.010
2N5202	NS 605	66	RCA,WHE	100	75	6.0	4.000	35.000	C	200	J	60.000	G	10MA	100	55	4.000
2N5208			SEE RF POWER SECTION														
2N5209	NS 41	92	MOT,ITT	50	50	4.5	.050	.350	A	150	J	80.000	G	50NA	35	175	.001
2N5210	NS 41	92	MOT,ITT	50	50	4.5	.050	.350	A	150	J	80.000	G	50NA	35	350	.001
2N5214			SEE RF POWER SECTION														
2N5215			SEE RF POWER SECTION														
2N5216			SEE RF POWER SECTION														
2N5217			SEE RF POWER SECTION														
2N5218	NS 561	61	SOL,HUG	220	200	8.0	10.000	50.000	C	200	C	40.000	G	500NA	100	45	5.000
2N5219	NS 41	92	MOT,ITT	20	15	3.0	.100	.350	A	135	J	150.000	G	100NA	10	267	.002
2N5220	NS 41	92	MOT,ITT	15	15	3.0	.500	.350	A	135	J	100.000	G	100NA	10	315	.050
2N5221	PS 41	92	MOT,ITT	15	15	3.0	.500	.350	A	135	J	100.000	G	100NA	10	315	.050
2N5222	NS 41	92	MOT	20	15	2.0	.050	.350	A	150	S	450.000	G	100NA	10	395	.004
2N5223	NS 41	92	MOT,ITT	25	20	3.0	.100	.350	A	135	J	150.000	G	100NA	10	275	.002
2N5224	NS 41	92	MOT,ITT	25	12	5.0	.100	.350	A	135	J	250.000	G	500NA	15	220	.010
2N5225	NS 41	92	MOT,ITT	25	25	4.0	.500	.350	A	135	J	50.000	G	300NA	15	315	.050
2N5226	PS 41	92	MOT,ITT	25	25	4.0	.500	.350	A	135	J	50.000	G	300NA	15	315	.050
2N5227	PS 41	92	MOT,ITT	30	30	3.0	.050	.350	A	135	J	100.000	G	100NA	10	375	.002
2N5228	PS 41	92	MOT,ITT	5	5	3.0	.050	.350	A	135	J	300.000	G	100NA	4	45	.010
2N5229	PS 210	46	MOT	15	10	15.0	.050	.500	A	200	J	8.000	G	1NA	12	75	.001
2N5230	PS 210	46	MOT	30	20	30.0	.050	.500	A	200	J	8.000	G	1NA	25	75	.001
2N5231	PS 210	46	MOT	50	30	50.0	.050	.500	A	200	J	8.000	G	1NA	40	75	.001
2N5232	NS 45	98	GEC,SPR,RCA	70	50	5.0	.100	.330	A	125	J	AUD	G	30NA	50	375	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N5232A	NS 45	98	GEC,SPR	70	50	5.0	.100	.330	A	125	J	AUD	30NA	50	375	.002
2N5233	NS 45	98	CSR	80	60	6.0	.100	.300	A	150	S	AUD B	30NA	60	175	.010
2N5234	NS 45	98	CSR	80	60	6.0	.100	.300	A	150	S	AUD B	30NA	60	375	.010
2N5235	NS 45	98	CSR	80	60	6.0	.100	.300	A	150	S	AUD B	30NA	60	600	.010
2N5236	NS 211	39	FSC	40	20	4.0		.600	A	200	J	500.000 G	1NA	20	50	.050
2N5237	NS 211	5	SOL	150	120	5.0	5.000	5.000	H	200	J	25.000 G	10µA	150	70	5.000
2N5238	NS 211	5	SOL	200	170	5.0	5.000	5.000	H	200	J	25.000 G	10µA	200	70	5.000
2N5239	NS 605	3	RCA	330	225	6.0	5.000	100.000	C	200	J	5.000 G	4MA	300	40	.400
2N5240	NS 605	3	RCA	375	300	6.0	5.000	100.000	C	200	J	5.000 G	2MA	375	40	.400
2N5241	NS 605	3	DEL,SOL		400	5.0	5.000					4.000 G	3MA	400	24	2.500
2N5242	PS 173	105	FSC	20	20	5.0	1.000	.500	A	125	J	170.000 G	100NA	10	50	.500
2N5243	PS 173	105	FSC	30	30	5.0	1.000	.500	A	125	J	170.000 G	100NA	10	45	.500
2N5244	PS 211	18	FSC	40	40	5.0	.100	.360	A	200	J	450.000 G	15NA	30	225	.010
2N5249	NS 45	98	GEC	70	50	5.0	.100	.330	A	125	J	1.200 G	30NA	50	600	.002
2N5249A	NS 45	98	GEC	70	50	5.0	.100	.330	A	125	J	1.200 G	30NA	50	600	.002
2N5250	NS 563	114	TEC,SOL,HUG	125	100	8.0		200.000	C			15.000 G	100µA	125	30	40.000
2N5251	NS 563	114	TEC,SOL	180	150	8.0		200.000	C			15.000 G	100µA	180	30	40.000
2N5262	NS 211	39	RCA	75	50	5.0	2.000	1.000	A	200	J	250.000 G	10µA	60	65	.500
2N5263	NS 890 A		AMP		15		.025	.360	A	150	A	1000.000 G			53	
2N5264	NS 605	3	FSC	400	180	5.0	10.000	87.000	C	200	J	50.000 G	1MA	400	105	1.000
2N5279	NS 211	5	STI	400	300R			1.000	A			15.000 G	20µA	240	40	.020
2N5280	NS 635 B		STI	400	300R			2.000	A			15.000 G	20µA	240	40	.020
2N5281	PS 211	5	STI	175	150R			1.000	A			20.000 G	1µA	125	20	.001
2N5282	PS 211	5	STI	325	300R			1.000	A			20.000 G	1µA	240	20	.001
2N5284	NS 560	59	FSC,SOL,GSE	100	120S	6.0	5.000	50.000	C	200	J	60.000 G	1µA	80	64	2.500
2N5285	NS 560	59	FSC,SOL,GSE	100	120S	6.0	5.000	50.000	C	200	J	70.000 G	1µA	80	114	2.500
2N5286	PS 560	59	FSC,SOL,PPC	100	100S	5.5	5.000	50.000	C	200	J	60.000 G	1µA	80	50	2.500
2N5287	PS 560	59	FSC,SOL,PPC	100	100S	5.5	5.000	50.000	C	200	J	70.000 G	1µA	80	114	2.500
2N5288	NS 560	61	FSC,SOL		120S	6.0	10.000	100.000	C	200	J	30.000 G	1MA	120	52	5.000
2N5289	NS 560	61	FSC,SOL		120S	6.0	10.000	100.000	C	200	J	40.000 G	1MA	120	120	5.000
2N5290	PS 560	61	FSC,SOL,PPC	100	100S	5.5	10.000	100.000	C	200	J	30.000 G	1MA	100	52	5.000
2N5291	PS 560	61	FSC,SOL,PPC	100	100S	5.5	10.000	100.000	C	200	J	40.000 G	1MA	100	120	5.000
2N5292	PS 211	18	FSC	12	12S	4.5	.100	.360	A	200	J	800.000 G	10NA	10	65	.030
2N5293	NS 53 A		RCA	80	70	7.0	4.000	36.000	C	150	J	.800 G	500µA	65	60	.500
2N5294	NS 54 A		RCA	80	70	7.0	4.000	36.000	C	150	J	.800 G	2MA	35	60	.500
2N5295	NS 53 A		RCA	60	40	5.0	4.000	36.000	C	150	J	.800 G	500µA	65	60	1.000
2N5296	NS 54 A		RCA	60	40	5.0	4.000	36.000	C	150	J	.800 G	500µA	65	60	1.000
2N5297	NS 53 A		RCA	80	60	5.0	4.000	36.000	C	150	J	.800 G	2MA	35	40	1.500
2N5298	NS 54 A		RCA	80	60	5.0	4.000	36.000	C	150	J	.800 G	500µA	65	40	1.500
2N5301	NS 605	3	MOT,TII,TIL,PPC	40	40	5.0	30.000	200.000	C	200	J	2.000 G	1MA	40	30	15.000
2N5302	NS 605	3	MOT,TII,TIL,PPC	60	60	5.0	30.000	200.000	C	200	J	2.000 G	1MA	60	30	15.000
2N5303	NS 605	3	MOT,TII,TIL,PPC	80	80	5.0	30.000	200.000	C	200	J	2.000 G	1MA	80	30	10.000
2N5304	NS 561	61	MOT	50	40	6.0	10.000	25.000	C	200	J	100.000 G	10µA	50	50	5.000
2N5306A	NS 45	98	GEC	25	25	12.0	.300	.400	A	150	S	60.000 G			500	.002
2N5308A	NS 45	98	GEC	40	40	12.0	.300	.400	A	150	S	60.000 G			500	.002
2N5309	NS 45	98	GEC	70	50	5.0	.100	.360	A	125	J	1.000 G	10NA	50	90	.001
2N5310	NS 45	98	GEC	70	50	5.0	.100	.360	A	125	J	1.000 G	10NA	50	175	.001
2N5311	NS 45	98	GEC	70	50	5.0	.100	.330	A	150	S	AUD B	10NA	50	375	.001
2N5312	PS 560	61	SOL,HUG	80	80	6.0	10.000	50.000	H	200	J	30.000 G	10µA	80	52	10.000
2N5313	NS 560	61	SOL,GSE	80	80	6.0	20.000	50.000	H	200	J	30.000 G	10µA	80	52	10.000
2N5314	PS 560	61	SOL,HUG	100	100	6.0	10.000	50.000	H	200	J	30.000 G	10µA	100	52	10.000
2N5315	NS 560	61	SOL,GSE	100	100	6.0	20.000	50.000	H	200	J	30.000 G	10µA	100	52	10.000
2N5316	PS 560	61	SOL,HUG	80	80	6.0	10.000	50.000	H	200	J	30.000 G	100µA	80	52	5.000
2N5317	NS 560	61	SOL	80	80	6.0	10.000	50.000	H	200	J	30.000 G	10µA	80	52	5.000
2N5318	PS 560	61	SOL,HUG	100	100	6.0	10.000	50.000	H	200	J	30.000 G	10µA	100	52	5.000
2N5319	NS 560	61	SOL	100	100	6.0	10.000	50.000	H	200	J	30.000 G	10µA	100	52	5.000
2N5320	NS 211	5	RCA	100	75	7.0	2.000	10.000	C	200	J	50.000 G	500NA	80	72	.500
2N5321	NS 211	5	RCA	100	75	7.0	2.000	10.000	C	200	J	50.000 G	5µA	60	100	.500
2N5322	PS 211	5	RCA	75	50	5.0	2.000	10.000	C	200	J	50.000 G	500NA	80	72	.500
2N5323	PS 211	5	RCA	75	50	5.0	2.000	10.000	C	200	J	50.000 G	5µA	60	100	.500
2N5324	PG 605	3	MOT	250	150	4.0	10.000	56.000	C	110	J	2.000 G	7MA	250	35	5.000
2N5325	PG 605	3	MOT	325	200	4.0	10.000	56.000	C	110	J	2.000 G	7MA	325	35	5.000
2N5326	NS 560	59	TRW,PPC	100	80	6.0	5.000	20.000	H	200	J	80.000 G	1µA	90	88	1.000
2N5327	NS 210	5	TRW,SOL,PPC	100	80	5.0	10.000	5.000	H	200	J	100.000 G	100µA	90	88	5.000
2N5328	NS 560	59	TRW,PPC	100	80	5.0	10.000	30.000	H	200	J	100.000 G	100µA	90	88	5.000
2N5329	NS 560	61	TRW,SOL,PPC	150	90	8.0	20.000	65.000	H	200	J	80.000 G	5MA	150	70	10.000
2N5330	NS 560	61	TRW,PPC	150	90	8.0	30.000	80.000	H	200	J	80.000 G	10MA	150	70	10.000
2N5331	NS 561	63	TRW,SOL,PPC	150	90	8.0	30.000	100.000	H	200	J	80.000 G	10MA	150	70	10.000
2N5332	PS 211	46	TII	20	12	2.0	.100	.360	A	200	S	600.000 G	10NA	15	40	.010
2N5333	PS 211	5	TII,TIL,SOL,PPC	100	80	6.0	2.000	1.000	A	200	J	30.000 G	10µA	90	60	1.000
2N5334	NS 210	39	MOT,PPC	60	60	8.0	3.000	6.000	C	200	J	60.000 G	5µA	60	68	1.000
2N5335	NS 210	39	MOT,PPC	80	80	8.0	3.000	6.000	C	200	J	60.000 G	5µA	80	68	1.000
2N5336	NS 210	39	MOT,PPC	80	80	6.0	5.000	6.000	C	200	J	30.000 G	10µA	80	60	2.000
2N5337	NS 210	39	MOT,PPC	80	80	6.0	5.000	6.000	C	200	J	30.000 G	10µA	80	120	2.000
2N5338	NS 210	39	MOT,PPC	100	100	6.0	5.000	6.000	C	200	J	30.000 G	10µA	100	60	2.000
2N5339	NS 210	39	MOT,PPC	100	100	6.0	5.000	6.000	C	200	J	30.000 G	10µA	100	120	2.000
2N5344	PS 605	66	MOT	250	250	5.0	1.000	40.000	C	200	J	60.000 G	100µA	250	88	.500
2N5345	PS 605	66	MOT	300	300	5.0	1.000	40.000	C	200	J	60.000 G	100µA	300	88	.500
2N5346	NS 560	59	MOT	80	80	6.0	7.000	60.000	C	200	J	30.000 G	10µA	80	70	2.000
2N5347	NS 560	59	MOT	80	80	6.0	7.000	60.000	C	200	J	30.000 G	10µA	80	70	2.000
2N5348	NS 560	59	MOT	100	100	6.0	7.000	60.000	C	200	J	30.000 G	10µA	100	155	2.000
2N5349	NS 560	59	MOT	100	100	6.0	7.000	60.000	C	200	J	30.000 G	10µA	100	155	2.000
2N5354	PS 45	98	GEC,SPR	25	25	4.0	.300	.360	A	125	J	250.000 G	100NA	25	70	.050
2N5355	PS 45	98	GEC,SPR	25	25	4.0	.300	.360	A	125	J	250.000 G	100NA	25	175	.050
2N5356	PS 45	98	GEC,SPR	25	25	4.0	.300	.360	A	125	J	250.000 G	100NA	25	375	.050
2N5357	PS 631	37	MOT	300	300	4.0	3.000	30.000	H	200	J	50.000 G	10µA	300	50	.500
2N5365	PS 45	98	GEC,SPR	40	40	4.0	.300	.360	A	125	J	250.000 G	100NA	40	70	.050
2N5366	PS 45	98	GEC,SPR	40	40	4.0	.300	.360	A	125	J	250.000 G	100NA	40	175	.050
2N5367	PS 45	98	GEC,SPR	40	40	4.0	.300	.360	A	125	J	250.000 G	100NA	40	375	.050
2N5368	NS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	250.000 G	50NA	40	130	.150
2N5369	NS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	250.000 G	50NA	40	200	.150
2N5370	NS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	250.000 G	50NA	40	400	.150
2N5371	NS 40	92	SPR,ITT	40	30	5.0	.500	.360	A	150	J	250.000 G	50NA	30	330	.150
2N5372	PS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	150.000 G	50NA	40	80	.150
2N5373	PS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	150.000 G	50NA	40	200	.150
2N5374	PS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	150.000 G	50NA	40	300	.150
2N5375	PS 40	92	SPR,ITT	40	30	5.0	.500	.360	A	150	J	150.000 G	50NA	30	220	.150
2N5376	NS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	300.000 G	10NA	30	360	.001
2N5377	NS 40	92	SPR,ITT	60	30	5.0	.500	.360	A	150	J	300.000 G	10NA	30	300	.001
2N5378	PS 40	92	SPR,ITT	40	30	5.0	.500	.360	A	150	J	200.000 G	10NA	30	360	.001
2N5379	PS 40	92	SPR,ITT	40	30	5.0	.500	.360	A	150	J	200.000 G	10NA	30	300	.001
2N5380	NS 168 B		SPR	60	40	6.0	.200	.360	A	150	J	250.000 G	50NA	30	88	.010
2N5381	NS 168 B		SPR	60	40	6.0	.200	.360	A	150	J	300.000 G	50NA	30	175	.010
2N5382	PS 168 B		SPR	40	40	5.0	.200	.360	A	150	J	200.000 G	50NA	30	88	.010
2N5383	PS 168 B		SPR	40	40	5.0	.200	.360	A	150	J	250.000 G	50NA	30	175	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N5384	PS 568	111	TII,TIL,SOL	100	80	6.0	5.000	30.000	H	200	J	30.000	G	10μA	90	40	2.000
2N5385	PS 581	111	TII,SOL,TIL,PPC	100	80	6.0	5.000	30.000	H	200	J	30.000	G	10μA	90	40	2.000
2N5386	PS 541	61	TII,SOL,TIL,PPC	100	80	6.0	12.000	50.000	H	200	J	30.000	G	10μA	90	40	6.000
2N5387	NS 541	61	TII,SOL,TIL	200	200	7.5	7.500	100.000	H	200	J	15.000	G	1MA	200	50	2.000
2N5388	NS 541	61	TII,SOL,TIL	250	250	7.5	7.500	100.000	H	200	J	15.000	G	1MA	250	50	2.000
2N5389	NS 541	61	TII,SOL,TIL	300	300	7.5	7.500	100.000	H	200	J	15.000	G	1MA	300	50	2.000
2N5399	NS 211	46	TII	25	15	2.0	.100	.360	A	200	S	600.000	G	10NA	15	75	.020
2N5400	PS 41	92	MOT	130	120	5.0	.600	1.000	C	150	J	250.000	G	100NA	100	110	.010
2N5401	PS 41	92	MOT	160	150	5.0	.600	1.000	C	150	J	200.000	G	50NA	120	150	.010
2N5404	PS 211	5	SOL,HUG,PPC	80	80	6.0	5.000	5.000	C	200	J	40.000	G	10μA	80	35	2.000
2N5405	PS 211	5	SOL,HUG,PPC	100	100	6.0	5.000	5.000	C	200	J	40.000	G	10μA	100	35	2.000
2N5406	PS 211	5	SOL,HUG,PPC	80	80	6.0	5.000	5.000	C	200	J	40.000	G	10μA	80	70	2.000
2N5407	PS 211	5	SOL,HUG,PPC	100	100	6.0	5.000	5.000	C	200	J	40.000	G	10μA	100	70	2.000
2N5408	PS 568	111	SOL,HUG	80	80	6.0	5.000	30.000	H	200	J	40.000	G	10μA	80	35	2.000
2N5409	PS 568	111	SOL,HUG	100	100	6.0	5.000	30.000	H	200	J	40.000	G	10μA	100	35	2.000
2N5410	PS 568	111	SOL,HUG	80	80	6.0	5.000	30.000	H	200	J	40.000	G	10μA	80	70	2.000
2N5411	PS 568	111	SOL,HUG	100	100	6.0	5.000	30.000	H	200	J	40.000	G	10μA	100	70	2.000
2N5412	NS 561	61	SOL,GSE	80	60	7.0	15.000	100.000	C	200	J	60.000	G	1MA	80	80	2.000
2N5413	NS 211	39	TIL	60	40	6.0	2.000	5.000	C	200	S	250.000	G	1μA	40	50	2.000
2N5414	NS 211	39	TIL	80	50	6.0	2.000	5.000	C	200	S	250.000	G	1μA	40	50	2.000
2N5415	PS 211	5	RCA,STI	200	200	4.0	1.000	1.000	A	200	J	15.000	G	50μA	175	90	.050
2N5416	PS 211	5	RCA,STI	350	300	6.0	1.000	1.000	A	200	J	15.000	G	50μA	280	75	.050
2N5417	NS 211	39	TII	40	35	3.0	.500	.500	A	200	J	250.000	G	10NA	30	140	.150
2N5418	NS 45	98	GEC	25	25	5.0	.500	.400	A	125	J	250.000	G	100NA	25	70	.050
2N5419	NS 45	98	GEC	25	25	5.0	.500	.400	A	125	J	250.000	G	100NA	25	175	.050
2N5420	NS 45	98	GEC	25	25	5.0	.500	.400	A	125	J	250.000	G	100NA	25	375	.050
2N5421			SEE RF POWER SECTION														
2N5422			SEE RF POWER SECTION														
2N5423			SEE RF POWER SECTION														
2N5424			SEE RF POWER SECTION														
2N5424A			SEE RF POWER SECTION														
2N5427	NS 605	66	MOT,SOL	80	80	6.0	7.000	40.000	C	200	J	30.000	G	10μA	80	60	2.000
2N5428	NS 605	66	MOT,SOL	80	80	6.0	7.000	40.000	C	200	J	30.000	G	10μA	80	120	2.000
2N5429	NS 605	66	MOT,SOL	100	100	6.0	7.000	40.000	C	200	J	30.000	G	10μA	100	60	2.000
2N5430	NS 605	66	MOT,SOL	100	100	6.0	7.000	40.000	C	200	J	30.000	G	10μA	100	120	2.000
2N5435	PG 605	3	MOT	80	60	2.5	60.000	120.000	C	110	J	.350	G	10MA	80	35	25.000
2N5436	PG 605	3	MOT	110	90	2.5	60.000	120.000	C	110	J	.350	G	10MA	110	35	25.000
2N5437	PG 605	3	MOT	140	120	2.5	60.000	120.000	C	110	J	.350	G	10MA	140	35	25.000
2N5438	PG 605	3	MOT	80	60	2.5	60.000	120.000	C	110	J	.350	G	10MA	80	70	25.000
2N5439	PG 605	3	MOT	110	90	2.5	60.000	120.000	C	110	J	.350	G	10MA	110	70	25.000
2N5440	PG 605	3	MOT	140	120	2.5	60.000	120.000	C	110	J	.350	G	10MA	140	70	25.000
2N5447	PS 41	92	TII,ITT,TFK	40	25	5.0	.200	.300	A	150	J	100.000	G	100NA	20	180	.050
2N5448	PS 41	92	TII,ITT,TFK	50	30	5.0	.200	.300	A	150	J	100.000	G	100NA	20	90	.050
2N5449	NS 41	92	TII,TFK,ITT	50	30	5.0	.800	.360	A	150	J	100.000	G	100NA	20	175	.050
2N5450	NS 41	92	TII,ITT,TFK	50	30	5.0	.800	.360	A	150	J	100.000	G	100NA	20	88	.050
2N5451	NS 41	92	TII,ITT	40	20	5.0	.800	.360	A	150	J	100.000	G	100NA	20	180	.050
2N5466	NS 605	3	SOL	500	400	8.0	3.000	80.000	C	200	J	2.500	G	250μA	500	30	3.000
2N5467	NS 605	3	SOL	700	400	8.0	3.000	80.000	C	200	J	2.500	G	250μA	700	30	3.000
2N5468	NS 605	66	SOL	500	400	8.0	3.000	40.000	C	200	J	2.500	G	250μA	500	30	3.000
2N5469	NS 605	66	SOL	700	400	8.0	3.000	40.000	C	200	J	2.500	G	250μA	700	30	3.000
2N5470			SEE RF POWER SECTION														
2N5477	NS 561	59	MOT	80	80	6.0	7.000	60.000	C	200	J	30.000	G	10μA	80	70	2.000
2N5478	NS 561	59	MOT	80	80	6.0	7.000	60.000	C	200	J	30.000	G	10μA	80	70	2.000
2N5479	NS 561	59	MOT	100	100	6.0	7.000	60.000	C	200	J	30.000	G	10μA	100	155	2.000
2N5480	NS 561	59	MOT	100	100	6.0	7.000	60.000	C	200	J	30.000	G	10μA	100	155	2.000
2N5481			SEE RF POWER SECTION														
2N5482			SEE RF POWER SECTION														
2N5483			SEE RF POWER SECTION														
2N5489	NS 563	114	STC	100	100	10.0	40.000	300.000	C	200	J	.500	G	2MA	125	41	20.000
2N5490	NS 54 A		RCA	60	40	5.0	7.000	50.000	C	150	J	.800	G	5MA	55	45	2.000
2N5491	NS 53 A		RCA	60	40	5.0	7.000	50.000	C	150	J	.800	G	5MA	55	45	2.000
2N5492	NS 54 A		RCA	75	55	5.0	7.000	50.000	C	150	J	.800	G	1MA	70	45	2.500
2N5493	NS 53 A		RCA	75	55	5.0	7.000	50.000	C	150	J	.800	G	1MA	70	45	2.500
2N5494	NS 54 A		RCA	60	40	5.0	7.000	50.000	C	150	J	.800	G	1MA	55	45	3.000
2N5495	NS 53 A		RCA	60	40	5.0	7.000	50.000	C	150	J	.800	G	1MA	55	45	3.000
2N5496	NS 54 A		RCA	90	70	5.0	7.000	50.000	C	150	J	.800	G	1MA	85	45	3.500
2N5497	NS 53 A		RCA	90	70	5.0	7.000	50.000	C	150	J	.800	G	1MA	85	45	3.500
2N5527	NS 211	5	SOL	60	40	3.0	5.000	5.000	C	200	J	200.000	G	1MA	60	90	3.000
2N5528	NS 561	59	SOL	60	40	3.0	10.000	10.000	C	200	J	200.000	G	1MA	60	90	3.000
2N5529	NS 561	61	SOL	60	40	3.0	10.000	10.000	C	200	J	200.000	G	1MA	60	90	3.000
2N5530	NS 560	61	SOL	60	40	3.0	10.000	10.000	C	200	J	200.000	G	1MA	60	90	3.000
2N5531	NS 211	5	SOL	90	75	3.0	5.000	5.000	C	200	J	200.000	G	1MA	90	68	3.000
2N5532	NS 561	59	SOL	90	75	3.0	10.000	35.000	C	200	J	200.000	G	1MA	90	68	3.000
2N5533	NS 561	61	SOL	90	75	3.0	10.000	35.000	C	200	J	200.000	G	1MA	90	68	3.000
2N5534	NS 560	61	SOL,PPC	90	75	3.0	10.000	35.000	C	200	J	200.000	G	1MA	90	68	3.000
2N5535	NS 561	61	SOL,PPC	60	50	3.0	20.000	50.000	C	200	J	150.000	G	1MA	60	68	10.000
2N5536	NS 560	61	SOL,PPC	60	50	3.0	20.000	50.000	C	200	J	150.000	G	1MA	60	68	10.000
2N5537	NS 561	61	SOL,PPC	90	75	3.0	20.000	50.000	C	200	J	150.000	G	1MA	90	68	10.000
2N5538	NS 560	61	SOL,PPC	90	75	3.0	20.000	50.000	C	200	J	150.000	G	1MA	90	68	10.000
2N5539	NS 561	63	PPC	175	130	7.0	20.000	100.000	C			20.000	G			25	10.000
2N5550	NS 41	92	MOT	160	140	6.0	.600	1.000	C	150	J	200.000	G	100NA	100	155	.010
2N5551	NS 41	92	MOT	180	160	6.0	.600	1.000	C	150	J	200.000	G	50NA	120	165	.010
2N5559	NS 605	3	SOL	150	120	7.0	10.000	100.000	H	200	J	.800	G	500μA	150	35	4.000
2N5575	NS 607 C		RCA	70	50	8.0	80.000	150.000	H	175	J	400.000	G	10MA	60	20	40.000
2N5576	NS 607 D		RCA	70	50	8.0	80.000	150.000	H	175	J	400.000	G	10MA	60	20	40.000
2N5577	NS 607 E		RCA	70	50	8.0	80.000	150.000	H	175	J	400.000	G	10MA	60	20	40.000
2N5578	NS 607 C		RCA	90	70	8.0	60.000	300.000	C	175	J	.400	G	10MA	80	20	40.000
2N5579	NS 607 D		RCA	90	70	8.0	60.000	300.000	C	175	J	.400	G	10MA	80	20	40.000
2N5580	NS 607 E		RCA	90	70	8.0	60.000	300.000	C	175	J	.400	G	10MA	80	20	40.000
2N5581	NS 211	46	MOT	75	40	6.0	.800	.500	A	200	A	250.000	G	10NA	60	70	.150
2N5582	NS 211	46	MOT	75	40	6.0	.800	.500	A	200	A	300.000	G	10NA	60	175	.150
2N5583	PS 211	39	MOT	30	30	3.0	.500	5.000	C	200	A	1000.000	G	50NA	20	50	.100
2N5584	NS 561	63	TRW	225	180	8.0	30.000	100.000	C	200	J	70.000	G	10MA	200	70	10.000
2N5589			SEE RF POWER SECTION														
2N5590			SEE RF POWER SECTION														
2N5591			SEE RF POWER SECTION														
2N5595			SEE RF POWER SECTION														
2N5596			SEE RF POWER SECTION														
2N5597	PS 605	66	SOL	80	60	5.5	2.000	20.000	C	200	J	60.000	G	1MA	80	120	1.000
2N5598	NS 605	66	SOL	80	60	6.0	2.000	20.000	C	200	J	60.000	G	1MA	80	120	1.000
2N5599	PS 605	66	SOL	100	80	5.5	2.000	20.000	C	200	J	50.000	G	1MA	100	52	1.000
2N5600	NS 605	66	SOL	100	80	6.0	2.000	20.000	C	200	J	50.000	G	1MA	100	52	1.000
2N5601	PS 605	66	SOL	100	80	5.5	2.000	20.000	C	200	J	60.000	G	1MA	100	120	1.000
2N5602	NS 605	66	SOL	100	80	6.0	2.000	20.000	C	200	J	60.000	G	1MA	100	120	1.000
2N5603	PS 605	66	SOL	120	100	5.5	2.000	20.000	C	200	J	50.000	G	1MA	120	52	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N5604	NS 605	66	SOL	120	100	6.0	2.000	20.000	C	200	J	50.000	G	1MA	120	52	1.000
2N5605	PS 605	66	SOL	80	60	5.5	5.000	25.000	C	200	J	70.000	G	1MA	80	120	2.500
2N5606	NS 605	66	SOL	80	60	6.0	5.000	25.000	C	200	J	70.000	G	1MA	80	120	2.500
2N5607	PS 605	66	SOL	100	80	5.5	5.000	25.000	C	200	J	60.000	G	1MA	100	52	2.500
2N5608	NS 605	66	SOL	100	80	6.0	5.000	25.000	C	200	J	60.000	G	1MA	100	52	2.500
2N5609	PS 605	66	SOL	100	80	5.5	5.000	25.000	C	200	J	70.000	G	1MA	100	120	2.500
2N5610	NS 605	66	SOL	100	80	6.0	5.000	25.000	C	200	J	70.000	G	1MA	100	120	2.500
2N5611	PS 605	66	SOL	120	100	5.5	5.000	25.000	C	200	J	60.000	G	1MA	120	52	2.500
2N5612	NS 605	66	SOL	120	100	6.0	5.000	25.000	C	200	J	60.000	G	1MA	120	52	2.500
2N5613	PS 605	3	SOL,PPC	80	60	5.5	5.000	50.000	C	200	J	70.000	G	1MA	80	120	2.500
2N5614	NS 605	3	SOL	80	60	6.0	5.000	50.000	C	200	J	70.000	G	1MA	80	120	2.500
2N5615	PS 605	3	SOL,PPC	100	80	5.5	5.000	50.000	C	200	J	60.000	G	1MA	100	52	2.500
2N5616	NS 605	3	SOL	100	80	6.0	5.000	50.000	C	200	J	60.000	G	1MA	100	52	2.500
2N5617	PS 605	3	SOL,PPC	100	80	5.5	5.000	50.000	C	200	J	70.000	G	1MA	100	120	2.500
2N5618	NS 605	3	SOL	100	80	6.0	5.000	50.000	C	200	J	70.000	G	1MA	100	120	2.500
2N5619	PS 605	3	SOL,PPC	120	100	6.0	5.000	50.000	C	200	J	60.000	G	1MA	120	52	2.500
2N5620	NS 605	3	SOL	120	100	5.5	5.000	50.000	C	200	J	60.000	G	1MA	120	52	2.500
2N5621	PS 605	3	SOL,PPC	80	60	5.5	10.000	100.000	C	200	J	40.000	G	1MA	80	120	5.000
2N5622	NS 605	3	SOL	80	60	6.0	10.000	100.000	C	200	J	40.000	G	1MA	80	120	5.000
2N5623	PS 605	3	SOL,PPC	100	80	5.5	10.000	100.000	C	200	J	30.000	G	1MA	100	52	5.000
2N5624	NS 605	3	SOL	100	80	6.0	10.000	100.000	C	200	J	30.000	G	1MA	100	52	5.000
2N5625	PS 605	3	SOL,PPC	100	80	5.5	10.000	100.000	C	200	J	40.000	G	1MA	100	120	5.000
2N5626	NS 605	3	SOL	100	80	6.0	10.000	100.000	C	200	J	40.000	G	1MA	100	120	5.000
2N5627	PS 605	3	SOL,PPC	120	100	5.5	10.000	100.000	C	200	J	30.000	G	1MA	120	52	5.000
2N5629	NS 605	3	MOT,SOL	100	100	7.0	16.000	200.000	C	200	J	1.000	G	1MA	100	50	8.000
2N5630	NS 605	3	MOT,SOL	120	120	7.0	16.000	200.000	C	200	J	1.000	G	1MA	120	40	8.000
2N5631	NS 605	3	MOT,SOL	140	140	7.0	16.000	200.000	C	200	J	1.000	G	1MA	140	30	8.000
2N5632	NS 605	3	MOT,SOL	100	100	7.0	10.000	150.000	C	200	J	1.000	G	1MA	100	50	5.000
2N5633	NS 605	3	MOT,SOL	120	120	7.0	10.000	150.000	C	200	J	1.000	G	1MA	120	40	5.000
2N5634	NS 605	3	MOT,SOL	140	140	7.0	10.000	150.000	C	200	J	1.000	G	1MA	140	30	5.000
2N5635			SEE RF POWER SECTION														
2N5636			SEE RF POWER SECTION														
2N5637			SEE RF POWER SECTION														
2N5641			SEE RF POWER SECTION														
2N5642			SEE RF POWER SECTION														
2N5643			SEE RF POWER SECTION														
2N5644			SEE RF POWER SECTION														
2N5645			SEE RF POWER SECTION														
2N5646			SEE RF POWER SECTION														
2N5650	NS 217	72	NEC	20	15	3.0	.030	.150	A	150	C	2000.000	G	50NA	10	45	.003
2N5651	NS 217	72	NEC	20	15	3.0	.030	.150	A	150	C	2000.000	G	50NA	10	45	.003
2N5652	NS 217	72	NEC	20	15	3.0	.030	.150	A	150	C	2000.000	G	50NA	10	45	.003
2N5655	NS 48 A		MOT	275	250	6.0	.500	20.000	C	150	J	10.000	G	10µA	275	90	.100
2N5656	NS 48 A		MOT	325	300	6.0	.500	20.000	C	150	J	10.000	G	10µA	325	90	.100
2N5657	NS 48 A		MOT	375	350	6.0	.500	20.000	C	150	J	10.000	G	10µA	375	90	.100
2N5660	NS 605	66	SOL	250	200	6.0	1.000	20.000	C	200	J	20.000	G	1µA	250	70	.500
2N5661	NS 605	66	SOL	400	300	6.0	1.000	20.000	C	200	J	20.000	G	1µA	400	43	.500
2N5662	NS 211	5	SOL,STI	250	200	6.0	1.000	15.000	H	200	J	20.000	G	1µA	250	70	.500
2N5663	NS 211	5	SOL	400	300	6.0	1.000	15.000	H	200	J	20.000	G	1µA	400	43	.500
2N5664	NS 605	66	SOL	250	200	6.0	3.000	30.000	C	200	J	20.000	G	1µA	250	70	1.000
2N5665	NS 605	66	SOL	400	300	6.0	3.000	30.000	C	200	J	20.000	G	1µA	400	43	1.000
2N5667	NS 211	5	STI	400	300R			1.000	A			20.000	G	1µA	240	25	.001
2N5671	NS 605	3	RCA,SOL,PPC	120	90	7.0	30.000	80.000	H	200	J	50.000	G	12MA	110	45	15.000
2N5672	NS 605	3	RCA,SOL,PPC	150	120	7.0	30.000	80.000	H	200	J	50.000	G	10MA	135	45	15.000
2N5675	PS 211	5	PPC	125	100	6.0	2.000	10.000	C			50.000	G			100	.500
2N5679	PS 211	5	MOT	100	100	4.0	1.000	10.000	C	200	J	30.000	G	1µA	100	80	.250
2N5680	PS 211	5	MOT,STI	120	120	4.0	1.000	10.000	C	200	J	30.000	G	1µA	120	80	.250
2N5681	NS 211	5	MOT	100	100	4.0	1.000	10.000	C	200	J	30.000	G	1µA	100	80	.250
2N5682	NS 211	5	MOT	120	120	4.0	1.000	10.000	C	200	J	30.000	G	1µA	120	80	.250
2N5683	PS 605	3	MOT	60	60	5.0	50.000	300.000	C	200	C	2.000	G	2MA	60	30	25.000
2N5684	PS 605	3	MOT	80	80	5.0	50.000	300.000	C	200	C	2.000	G	2MA	80	30	25.000
2N5685	NS 605	3	MOT	60	60	5.0	50.000	300.000	C	200	C	2.000	G	2MA	60	30	25.000
2N5686	NS 605	3	MOT	80	80	5.0	50.000	300.000	C	200	C	2.000	G	2MA	80	30	25.000
2N5687			SEE RF POWER SECTION														
2N5688			SEE RF POWER SECTION														
2N5689			SEE RF POWER SECTION														
2N5690			SEE RF POWER SECTION														
2N5691			SEE RF POWER SECTION														
2N5692	PG 605	3	MOT	50	30	2.5	40.000	120.000	C	110	J	.200	G	10MA	50	36	25.000
2N5693	PG 605	3	MOT	80	60	2.5	40.000	120.000	C	110	J	.200	G	10MA	80	36	25.000
2N5694	PG 605	3	MOT	100	80	2.5	40.000	120.000	C	110	J	.200	G	10MA	100	36	25.000
2N5695	PG 605	3	MOT	120	100	2.5	40.000	120.000	C	110	J	.200	G	10MA	120	36	25.000
2N5696	PG 605	3	MOT	140	120	2.5	40.000	120.000	C	110	J	.200	G	10MA	140	36	25.000
2N5697			SEE RF POWER SECTION														
2N5698			SEE RF POWER SECTION														
2N5699			SEE RF POWER SECTION														
2N5700			SEE RF POWER SECTION														
2N5701			SEE RF POWER SECTION														
2N5702			SEE RF POWER SECTION														
2N5703			SEE RF POWER SECTION														
2N5704			SEE RF POWER SECTION														
2N5705			SEE RF POWER SECTION														
2N5706			SEE RF POWER SECTION														
2N5707			SEE RF POWER SECTION														
2N5708			SEE RF POWER SECTION														
2N5709			SEE RF POWER SECTION														
2N5710			SEE RF POWER SECTION														
2N5711			SEE RF POWER SECTION														
2N5712			SEE RF POWER SECTION														
2N5713			SEE RF POWER SECTION														
2N5714			SEE RF POWER SECTION														
2N5715			SEE RF POWER SECTION														
2N5729	NS 211	5	FSC,PPC	100	80	5.0	5.000	10.000	H	200	J	30.000	G	1MA	100	105	2.000
2N5730	NS 560	59	FSC,PPC,GSE	100	80	5.0	10.000	45.000	H	200	J	30.000	G	1MA	100	105	2.000
2N5731	NS 560	61	FSC,PPC	100	80	5.0	20.000	75.000	H	200	J	30.000	G	1MA	100	105	5.000
2N5732	NS 605	3	FSC,PPC,GSE	100	80	5.0	20.000	75.000	H	200	J	30.000	G	1MA	100	105	5.000
2N5733	NS 561	63	SOL,PPC,GSE	100	80	8.0	30.000	150.000	H	200	J	30.000	G	1MA	100	105	10.000
2N5734	NS 605	3	SOL,PPC,GSE	100	80	8.0	30.000	150.000	H	200	J	30.000	G	1MA	100	105	10.000
2N5737	PS 605	3	SOL	60	60	5.0	10.000	50.000	C	200	J	10.000	G	10µA	60	40	5.000
2N5738	PS 605	3	SOL	100	100	5.0	10.000	50.000	C	200	J	10.000	G	10µA	100	40	5.000
2N5739	PS 605	66	SOL	60	60	5.0	10.000	20.000	C	200	J	10.000	G	10µA	60	40	5.000
2N5740	PS 605	66	SOL	100	100	5.0	10.000	20.000	C	200	J	10.000	G	10µA	100	40	5.000
2N5741	PS 605	3	SOL	60	60	5.0	20.000	65.000	C	200	J	10.000	G	10µA	60	40	10.000
2N5742	PS 605	3	SOL	100	100	5.0	20.000	65.000	C	200	J	10.000	G	10µA	100	40	10.000
2N5743	PS 605	66	SOL	60	60	5.0	20.000	25.000	C	200	J	10.000	G	10µA	60	40	10.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2N5744	PS 605	66	SOL	100	100	5.0	20.000	25.000	C	200	J	10.000	G	10μA	100	40	10.000
2N5745	PS 605	3	MOT	80	80	5.0	20.000	200.000	C	200	J	2.000	G	1MA	80	30	10.000
2N5761			SEE RF POWER SECTION														
2N5762			SEE RF POWER SECTION														
2N5763	PS 211	18	MOT	65	60	5.0	.600	.400	A	200	C	200.000	G	10NA	50	53	.150
2N5764			SEE RF POWER SECTION														
2N5765			SEE RF POWER SECTION														
2N5766			SEE RF POWER SECTION														
2N5767			SEE RF POWER SECTION														
2N5768			SEE RF POWER SECTION														
2N5769	NS 41	92	FSC	40	40S	4.5	.200	.625	A	150	S	500.000	G	10μA	40	80	.010
2N5770	NS 41	92	FSC	30	15	4.5	.050	.700	A	150	S	1350.000	G	10NA	15	125	.008
2N5771	PS 41	92	FSC	15	15	4.5	.050	.625	A	150	J	850.000	G	10NA	8	85	.010
2N5772	NS 41	92	FSC	40	15	5.0	.200	.600	A	150	J	350.000	G	500μA	20	75	.030
2N5781	PS 211	5	RCA	80	80R	5.0	3.500	10.000	C	200	J	26.000	G	10μA	75	60	1.000
2N5782	PS 211	5	RCA	65	65R	5.0	3.500	10.000	C	200	J	26.000	G	10μA	60	60	1.200
2N5783	PS 211	5	RCA	45	45R	3.5	3.500	10.000	C	200	J	26.000	G	10μA	45	60	1.600
2N5784	NS 211	5	RCA	80	80R	5.0	3.500	10.000	C	200	J	1.600	G	10μA	75	60	1.000
2N5785	NS 211	5	RCA	65	65R	5.0	3.500	10.000	C	200	J	1.600	G	10μA	60	60	1.200
2N5786	NS 211	5	RCA	45	45R	3.5	3.500	10.000	C	200	J	1.600	G	10μA	45	60	1.600
2N5804	NS 605	3	RCA	300	300X	6.0	5.000	62.000	H	200	J	15.000	G	5MA	270	35	5.000
2N5805	NS 605	3	RCA	375	375X	6.0	5.000	62.000	H	200	J	15.000	G	5MA	340	35	5.000
2N5810	NS 166 A		GEC,SPR	35	25	5.0	.750	.500	A	135	J	100.000	G	100NA	25	110	.002
2N5811	PS 166 A		GEC,SPR	35	25	5.0	.750	.500	A	135	J	100.000	G	100NA	25	110	.002
2N5812	NS 166 A		GEC,SPR	35	25	5.0	.750	.500	A	135	J	135.000	G	100NA	25	275	.002
2N5813	PS 166 A		GEC,SPR	35	25	5.0	.750	.500	A	135	J	135.000	G	100NA	25	275	.002
2N5814	NS 166 A		GEC,SPR	50	40	5.0	.750	.500	A	135	J	135.000	G	100NA	25	90	.002
2N5815	PS 166 A		GEC,SPR	50	40	5.0	.750	.500	A	135	J	100.000	G	100NA	25	90	.002
2N5816	NS 166 A		GEC,SPR	50	40	5.0	.750	.500	A	135	J	100.000	G	100NA	25	150	.002
2N5817	PS 166 A		GEC,SPR	50	40	5.0	.750	.500	A	135	J	120.000	G	100NA	25	150	.002
2N5818	NS 166 A		GEC,SPR	50	40	5.0	.750	.500	A	135	J	135.000	G	100NA	25	225	.002
2N5819	PS 166 A		GEC,SPR	50	40	5.0	.750	.500	A	135	J	135.000	G	100NA	25	225	.002
2N5820	NS 166 A		GEC	70	60	5.0	.750	.500	A	135	J	100.000	G	100NA	25	90	.002
2N5821	PS 166 A		GEC	70	60	5.0	.750	.500	A	135	J	100.000	G	100NA	25	90	.002
2N5822	NS 166 A		GEC	70	60	5.0	.750	.500	A	135	J	120.000	G	100NA	25	150	.002
2N5823	PS 166 A		GEC	70	60	5.0	.750	.500	A	135	J	120.000	G	100NA	25	150	.002
2N5824	NS 166 A		GEC,SPR	50	40	5.0	.100	.360	A	125	J	90.000	G	50NA	40	90	.002
2N5825	NS 166 A		GEC,SPR	50	40	5.0	.100	.360	A	125	J	90.000	G	50NA	40	150	.002
2N5826	NS 166 A		GEC,SPR	50	40	5.0	.100	.360	A	125	J	90.000	G	50NA	40	225	.002
2N5828	NS 166 A		GEC	50	40	5.0	.100	.360	A	125	J	90.000	G	50NA	40	600	.002
2N5829	PS 217	72	MOT	30	30	3.0	.030	.200	A	200	C	1200.000	G	100NA	20	40	.002
2N5834			SEE RF POWER SECTION														
2N5838	NS 605	3	RCA	275	275X	6.0	3.000	57.000	H	200	J	5.000	G	5MA	265	18	3.000
2N5839	NS 605	3	RCA	300	300X	6.0	3.000	57.000	H	200	J	5.000	G	2MA	290	22	3.000
2N5840	NS 605	3	RCA	375	375X	6.0	3.000	57.000	H	200	J	5.000	G	2MA	360	22	2.000
2N5846			SEE RF POWER SECTION														
2N5847			SEE RF POWER SECTION														
2N5848			SEE RF POWER SECTION														
2N5851	NS 217	72	MOT	30	15	4.5	.100	.500	A	200	J	500.000	G	1μA	15	60	.010
2N5852	NS 217	72	MOT	30	15	4.5	.100	.500	A	200	J	700.000	G	1μA	15	60	.010
2N5862			SEE RF POWER SECTION														
2N5865	PS 211	39	MOT	70	50	5.0	1.000	1.250	A	200	C	100.000	G	200NA	35	90	.150
2N5867	PS 605	3	MOT	60	60	5.0	5.000	87.500	C	200	J	4.000	G	100μA	60	45	1.500
2N5868	PS 605	3	MOT	80	80	5.0	5.000	87.500	C	200	J	4.000	G	100μA	80	45	1.500
2N5869	NS 605	3	MOT	60	60	5.0	5.000	87.500	C	200	J	4.000	G	100μA	60	45	1.500
2N5870	NS 605	3	MOT	80	80	5.0	5.000	87.500	C	200	J	4.000	G	100μA	80	45	1.500
2N5871	PS 605	3	MOT	60	60	5.0	7.000	115.000	C	200	J	4.000	G	250μA	60	45	2.500
2N5872	PS 605	3	MOT	80	80	5.0	7.000	115.000	C	200	J	4.000	G	250μA	80	45	2.500
2N5873	NS 605	3	MOT	60	60	5.0	7.000	115.000	C	200	J	4.000	G	250μA	60	45	2.500
2N5874	NS 605	3	MOT	80	80	5.0	7.000	115.000	C	200	J	4.000	G	250μA	80	45	2.500
2N5875	PS 605	3	MOT	60	60	5.0	10.000	150.000	C	200	J	4.000	G	500μA	60	45	4.000
2N5876	PS 605	3	MOT	80	80	5.0	10.000	150.000	C	200	J	4.000	G	500μA	80	45	4.000
2N5877	NS 605	3	MOT	60	60	5.0	10.000	150.000	C	200	J	4.000	G	500μA	60	45	4.000
2N5878	NS 605	3	MOT	80	80	5.0	10.000	150.000	C	200	J	4.000	G	500μA	80	45	4.000
2N5879	PS 605	3	MOT	60	60	5.0	15.000	160.000	C	200	J	4.000	G	500μA	60	45	6.000
2N5880	PS 605	3	MOT	80	80	5.0	15.000	160.000	C	200	J	4.000	G	500μA	80	45	6.000
2N5881	NS 605	3	MOT	60	60	5.0	15.000	160.000	C	200	J	4.000	G	500μA	60	45	6.000
2N5882	NS 605	3	MOT	80	80	5.0	15.000	160.000	C	200	J	4.000	G	500μA	80	45	6.000
2N5883	PS 605	3	MOT	60	60	5.0	25.000	200.000	C	200	J	4.000	G	1MA	60	45	10.000
2N5884	PS 605	3	MOT	80	80	5.0	25.000	200.000	C	200	J	4.000	G	1MA	80	45	10.000
2N5885	NS 605	3	MOT	60	60	5.0	25.000	200.000	C	200	J	4.000	G	1MA	60	45	10.000
2N5886	NS 605	3	MOT	80	80	5.0	25.000	200.000	C	200	J	4.000	G	1MA	80	45	10.000
2N5887	PG 605	66	GPD,MOT	20	15	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	183	.500
2N5888	PG 605	66	GPD,MOT	30	25	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	183	.500
2N5889	PG 605	66	GPD,MOT	30	25	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	50	.500
2N5890	PG 605	66	GPD,MOT	45	35	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	50	.500
2N5891	PG 605	66	GPD,MOT	60	45	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	50	.500
2N5892	PG 605	66	GPD,MOT	75	60	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	50	.500
2N5893	PG 605	66	GPD,MOT	30	25	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	90	.500
2N5894	PG 605	66	GPD,MOT	45	35	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	90	.500
2N5895	PG 605	66	GPD,MOT	60	45	20.0	7.000	57.000	C	110	J	.250	G	60μA	2	90	.500
2N5896	PG 605	66	GPD,MOT	75	60	20.0	7.000	57.000	C	110	J	250.000	G	60μA	2	90	.500
2N5897	PG 605	66	GPD,MOT	30	25	20.0	7.000	57.000	C	110	J	250.000	G	60μA	2	150	.500
2N5898	PG 605	66	GPD,MOT	45	35	20.0	7.000	57.000	C	110	J	250.000	G	60μA	2	150	.500
2N5899	PG 605	66	GPD,MOT	60	45	20.0	7.000	57.000	C	110	J	250.000	G	60μA	2	150	.500
2N5900	PG 605	66	GPD,MOT	75	60	20.0	7.000	57.000	C	110	J	250.000	G	60μA	2	150	.500
2N5901	PG 605	66	GPD,MOT	30	25	20.0	7.000	57.000	C	110	J	250.000	G	60μA	2	263	.500
2N5910	PS 173	106	STI	20	20			.300	A	125	J	700.000	G			75	.010
2N5913			SEE RF POWER SECTION														
2N5914			SEE RF POWER SECTION														
2N5915			SEE RF POWER SECTION														
2N5916			SEE RF POWER SECTION														
2N5917			SEE RF POWER SECTION														
2N5918			SEE RF POWER SECTION														
2N5919			SEE RF POWER SECTION														
2N5919A			SEE RF POWER SECTION														
2N5920			SEE RF POWER SECTION														
2N5921			SEE RF POWER SECTION														
2N5922			SEE RF POWER SECTION														
2N5923			SEE RF POWER SECTION														
2N5924			SEE RF POWER SECTION														
2N5925			SEE RF POWER SECTION														
2N5929	NS 605	3	WHE	90	80X	7.0	30.000	100.000	H	200	J	30.000	G	5MA	90	45	10.000
2N5930	NS 605	3	WHE	130	120X	7.0	30.000	100.000	H	200	J	30.000	G	5MA	130	45	10.000
2N5931	NS 605	3	WHE	170	160X	7.0	30.000	100.000	H	200	J	30.000	G	5MA	170	45	10.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz) COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W) COND	Temp. (°C) COND		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N5932	NS 605	3	WHE	70	60X	7.0	30.000	100.000 H	200 J	30.000 G	5MA	70	45	20.000
2N5933	NS 605	3	WHE	110	100X	7.0	30.000	100.000 C	200 J	30.000 G	5MA	110	45	20.000
2N5934	NS 605	3	WHE	150	140X	7.0	30.000	100.000 C	200 J	30.000 G	5MA	150	45	20.000
2N5935	NS 605	3	WHE	90	80X	7.0	30.000	100.000 H	200 J	30.000 G	5MA	90	45	30.000
2N5936	NS 605	3	WHE	130	120X	7.0	30.000	100.000 H	200 J	30.000 G	5MA	130	45	30.000
2N5937	NS 605	3	WHE	170	160X	7.0	30.000	100.000 H	200 J	30.000 G	5MA	170	45	30.000
2N5941			SEE RF POWER SECTION											
2N5942			SEE RF POWER SECTION											
2N5943	NS 210	39	MOT	40	30	3.5	.400	1.000 A	200 S	1200.000 G	10µA	15	163	.050
2N5944			SEE RF POWER SECTION											
2N5945			SEE RF POWER SECTION											
2N5946			SEE RF POWER SECTION											
2N5947			SEE RF POWER SECTION											
2N5954	PS 605	66	RCA	90	85	5.0	6.000	40.000 C	200 J	5.000 G	100µA	85	40	2.000
2N5955	PS 605	66	RCA	70	65	5.0	6.000	40.000 C	200 J	5.000 G	100µA	65	40	2.500
2N5956	PS 605	66	RCA	50	45R	5.0	6.000	40.000 C	200 J	5.000 G	100µA	45	40	3.000
2N5957	NS 561	61	TEC	100	100	10.0	20.000	100.000 C	200 J	10.000 G	500µA	100	75	10.000
2N5958	PS 561	61	TEC	100	100	10.0	20.000	100.000 C	200 J	10.000 G	500µA	100	75	10.000
2N5959	NS 560	61	TEC	100	100	10.0	20.000	100.000 C	200 J	10.000 G	500µA	100	75	10.000
2N5960	PS 560	61	TEC	100	100	10.0	20.000	100.000 C	200 J	10.000 G	500µA	100	75	10.000
2N5966	NS 561	63	TEC	100	100	10.0	30.000	125.000 C	200 J	10.000 G	500µA	100	63	15.000
2N5967	PS 561	63	TEC	100	100	10.0	30.000	125.000 C	200 J	10.000 G	500µA	100	63	15.000
2N5968	NS 560	63	TEC	100	100	10.0	30.000	125.000 C	200 J	10.000 G	500µA	100	63	15.000
2N5969	PS 560	63	TEC	100	100	10.0	30.000	125.000 C	200 J	10.000 G	500µA	100	63	15.000
2N5974	PS 48 B		MOT	60	40	5.0	5.000	75.000 C	150 J	2.000 G	100µA	60	50	2.500
2N5975	PS 48 B		MOT	80	60	5.0	5.000	75.000 C	150 J	2.000 G	100µA	80	50	2.500
2N5976	PS 48 B		MOT	100	80	5.0	5.000	75.000 C	150 J	2.000 G	100µA	100	50	2.500
2N5977	NS 48 B		MOT	60	40	5.0	5.000	75.000 C	150 J	2.000 G	100µA	60	50	2.500
2N5978	NS 48 B		MOT	80	60	5.0	5.000	75.000 C	150 J	2.000 G	100µA	80	50	2.500
2N5979	NS 48 B		MOT	100	80	5.0	5.000	75.000 C	150 J	2.000 G	100µA	100	50	2.500
2N5980	PS 48 B		MOT	60	40	5.0	8.000	90.000 C	150 J	2.000 G	100µA	60	50	4.000
2N5981	PS 48 B		MOT	80	60	5.0	8.000	90.000 C	150 J	2.000 G	100µA	80	50	4.000
2N5982	PS 48 B		MOT	100	80	5.0	8.000	90.000 C	150 J	2.000 G	100µA	100	50	4.000
2N5983	NS 48 B		MOT	60	40	5.0	8.000	90.000 C	150 J	2.000 G	100µA	60	50	4.000
2N5984	NS 48 B		MOT	80	60	5.0	8.000	90.000 C	150 J	2.000 G	100µA	80	50	4.000
2N5985	NS 48 B		MOT	100	80	5.0	8.000	90.000 C	150 J	2.000 G	100µA	100	50	4.000
2N5986	PS 48 B		MOT	60	40	5.0	20.000	100.000 C	150 J	2.000 G	200µA	60	50	6.000
2N5987	PS 48 B		MOT	80	60	5.0	20.000	100.000 C	150 J	2.000 G	200µA	80	50	6.000
2N5988	PS 48 B		MOT	100	80	5.0	20.000	100.000 C	150 J	2.000 G	200µA	100	50	6.000
2N5989	NS 48 B		MOT	60	40	5.0	20.000	100.000 C	150 J	2.000 G	200µA	60	50	6.000
2N5990	NS 48 B		MOT	80	60	5.0	20.000	100.000 C	150 J	2.000 G	200µA	80	50	6.000
2N5991	NS 48 B		MOT	100	80	5.0	20.000	100.000 C	150 J	2.000 G	200µA	100	50	6.000
2N5992			SEE RF POWER SECTION											
2N5993			SEE RF POWER SECTION											
2N5994			SEE RF POWER SECTION											
2N5995			SEE RF POWER SECTION											
2N5996			SEE RF POWER SECTION											
2N5998	NS 45	98	GEC	35	25	5.0	.500	.400 A	150 S	140.000 G	30NA	25	225	.010
2N5999	PS 45	98	GEC	35	25	5.0	.500	.400 A	150 S	140.000 G	30NA	25	225	.010
2N6000	NS 168 B		GEC	35	25	5.0	.500	.400 A	125 J	150.000 G	10NA	25	175	.010
2N6001	PS 168 B		GEC	35	25	5.0	.500	.400 A	125 J	225.000 G	10NA	25	175	.010
2N6002	NS 168 B		GEC	35	25	5.0	.500	.400 A	125 J	165.000 G	10NA	25	375	.010
2N6003	PS 168 B		GEC	35	25	5.0	.500	.400 A	125 J	250.000 G	10NA	25	375	.010
2N6004	NS 168 B		GEC	50	40	5.0	.500	.400 A	125 J	150.000 G	10NA	25	175	.010
2N6005	PS 168 B		GEC	50	40	5.0	.500	.400 A	125 J	225.000 G	10NA	25	175	.010
2N6006	NS 168 B		GEC	50	40	5.0	.500	.400 A	125 J	165.000 G	10NA	25	375	.010
2N6007	PS 168 B		GEC	50	40	5.0	.500	.400 A	125 J	250.000 G	10NA	25	375	.010
2N6008	NS 45	98	GEC	35	25	5.0	.500	.400 A	150 S	140.000 G	30NA	25	375	.010
2N6009	PS 45	98	GEC	35	25	5.0	.500	.400 A	150 S	140.000 G	30NA	25	375	.010
2N6010	NS 168 B		GEC	50	40	5.0	.800	.500 A	150 J	530.000 G	10NA	25	175	.010
2N6011	PS 168 B		GEC	50	40	5.0	.800	.500 A	150 J	75.000 G	10NA	25	175	.010
2N6012	NS 168 B		GEC	50	40	5.0	.800	.500 A	150 J	500.000 G	10NA	25	375	.010
2N6013	PS 168 B		GEC	50	40	5.0	.800	.500 A	150 J	120.000 G	10NA	25	375	.010
2N6014	NS 168 B		GEC	70	60	5.0	.800	.500 A	150 J	105.000 G	10NA	25	175	.010
2N6015	PS 168 B		GEC	70	60	5.0	.800	.500 A	150 J	75.000 G	10NA	25	175	.010
2N6016	NS 168 B		GEC	70	60	5.0	.800	.500 A	150 J	150.000 G	10NA	25	375	.010
2N6017	PS 168 B		GEC	70	60	5.0	.800	.500 A	150 J	120.000 G	10NA	25	375	.010
2N6029	PS 605	3	MOT	100	100	7.0	16.000	200.000 C	200 J	1.000 G	2MA	100	50	8.000
2N6030	PS 605	3	MOT	120	120	7.0	16.000	200.000 C	200 J	1.000 G	2MA	120	40	8.000
2N6031	PS 605	3	MOT	140	140	7.0	16.000	200.000 C	200 J	1.000 G	2MA	140	30	8.000
2N6032	NS 605	3	PPC	120	120	7.0	50.000	80.000 C		50.000 G			30	50.000
2N6033	NS 605	3	PPC	150	150	7.0	40.000	80.000 C		50.000 G			30	40.000
2N6034	PS 48 C		MOT	40	40	5.0	4.000	40.000 C	150 J	25.000 G	500µA	40	875	2.000
2N6035	PS 48 C		MOT	60	60	5.0	4.000	40.000 C	150 J	25.000 G	500µA	60	875	2.000
2N6036	PS 48 C		MOT	80	80	5.0	4.000	40.000 C	150 J	25.000 G	500µA	80	875	2.000
2N6037	PS 48 C		MOT	40	40	5.0	4.000	40.000 C	150 J	25.000 G	500µA	40	875	2.000
2N6038	PS 48 C		MOT	60	60	5.0	4.000	40.000 C	150 J	25.000 G	500µA	60	875	2.000
2N6039	PS 48 C		MOT	80	80	5.0	4.000	40.000 C	150 J	25.000 G	500µA	80	875	2.000
2N6040	PS 58 B		MOT	60	60	5.0	8.000	75.000 C	150 J	4.000 G	500µA	60	500	4.000
2N6041	PS 58 B		MOT	80	80	5.0	8.000	75.000 C	150 J	4.000 G	500µA	80	500	4.000
2N6042	PS 58 B		MOT	100	100	5.0	8.000	75.000 C	150 J	4.000 G	500µA	100	500	3.000
2N6043	NS 58 B		MOT	60	60	5.0	8.000	75.000 C	150 J	4.000 G	500µA	60	500	4.000
2N6044	NS 58 B		MOT	80	80	5.0	8.000	75.000 C	150 J	4.000 G	500µA	80	500	4.000
2N6045	NS 58 B		MOT	100	100	5.0	8.000	75.000 C	150 J	4.000 G	500µA	100	500	3.000
2N6046	NS 561	63	WHE	70	60	7.0	20.000	114.000 H	200 J	30.000 G	5MA	70	45	20.000
2N6047	NS 561	63	WHE	110	100	7.0	20.000	114.000 H	200 J	30.000 G	5MA	110	45	20.000
2N6048	NS 561	63	WHE	150	140	7.0	20.000	114.000 H	200 J	30.000 G	5MA	150	45	20.000
2N6049	PS 605	66	MOT	90	55	7.0	4.000	75.000 C	200 J	3.000 G	1MA	90	50	.500
2N6050	PS 605	3	MOT	60	60	5.0	12.000	150.000 C	200 J	4.000 G	500µA	60	200	6.000
2N6051	PS 605	3	MOT	80	80	5.0	12.000	150.000 C	200 J	4.000 G	500µA	80	200	6.000
2N6052	PS 605	3	MOT	100	100	5.0	12.000	150.000 C	200 J	4.000 G	500µA	100	200	6.000
2N6053	PS 605	3	MOT	60	60	5.0	8.000	100.000 C	200 J	4.000 G	500µA	60	200	4.000
2N6054	PS 605	3	MOT	80	80	5.0	8.000	100.000 C	200 J	4.000 G	500µA	80	200	4.000
2N6055	NS 605	3	MOT,RCA	60	60	5.0	8.000	100.000 C	200 J	4.000 G	500µA	60	375	4.000
2N6056	NS 605	3	MOT,RCA	80	80	5.0	8.000	100.000 C	200 J	4.000 G	500µA	80	375	4.000
2N6057	NS 605	3	MOT	60	60	5.0	12.000	150.000 C	200 J	4.000 G	500µA	60	200	6.000
2N6058	NS 605	3	MOT	80	80	5.0	12.000	150.000 C	200 J	4.000 G	500µA	80	200	6.000
2N6059	NS 605	3	MOT	100	100	5.0	12.000	150.000 C	200 J	4.000 G	500µA	100	200	6.000
2N6060	NS 561	63	TEC	100	100	10.0	50.000	150.000 C	200 J	10.000 G	500µA	100	73	20.000
2N6061	PS 561	63	TEC	100	100	10.0	50.000	150.000 C	200 J	10.000 G	500µA	100	73	20.000
2N6062	NS 560	63	TEC	100	100	10.0	50.000	150.000 C	200 J	10.000 G	500µA	100	73	20.000
2N6063	PS 560	63	TEC	100	100	10.0	50.000	150.000 C	200 J	10.000 G	500µA	100	73	20.000
2N6064	PG 171 L		MOT	80	80	5.0	10.000	56.000 C	110 J	.300 G	3MA	80	32	3.000
2N6065	PG 171 L		MOT	120	120	5.0	10.000	56.000 C	110 J	.300 G	3MA	120	32	3.000
2N6066	PG 171 L		MOT	160	160	5.0	10.000	56.000 C	110 J	.300 G	3MA	160	32	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C) Cond	(MHz) Cond	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N6067	PS 41	92	MOT	50	40	5.0	.100	.625	A	150 S	150.000 G	500NA	30	100	.100
2N6076	PS 45	98	GEC	25	25	4.0	.100	.360	A	150 S	AUD B	100NA	25	225	.010
2N6077	NS 605	66	RCA	300	300X	6.0	7.000	25.700	H	200 J	1.000 G	5MA	250	30	1.200
2N6078	NS 605	66	RCA	275	275X	6.0	7.000	25.700	H	200 J	1.000 G	200µA	250	30	1.200
2N6079	NS 605	66	RCA	375	375X	9.0	7.000	25.700	H	200 J	1.000 G	5MA	450	24	1.200
2N6080			SEE RF POWER SECTION												
2N6081			SEE RF POWER SECTION												
2N6082			SEE RF POWER SECTION												
2N6083			SEE RF POWER SECTION												
2N6084			SEE RF POWER SECTION												
2N6093			SEE RF POWER SECTION												
2N6094			SEE RF POWER SECTION												
2N6095			SEE RF POWER SECTION												
2N6096			SEE RF POWER SECTION												
2N6097			SEE RF POWER SECTION												
2N6098	NS 53	220 AA	RCA	70	60	8.0	10.000	75.000	C	150 J	.800 G	2MA	65	40	4.000
2N6099	NS 54	220 AB	RCA	70	60	8.0	10.000	75.000	C	150 J	.800 G	2MA	65	40	4.000
2N6100	NS 53	220 AA	RCA	80	70	8.0	10.000	75.000	C	150 J	.800 G	2MA	75	40	5.000
2N6101	NS 54	220 AB	RCA	80	70	8.0	10.000	75.000	C	150 J	.800 G	2MA	75	40	5.000
2N6102	NS 53	220 AA	RCA	45	40	5.0	16.000	75.000	C	150 J	.800 G	2MA	40	30	8.000
2N6103	NS 54	220 AB	RCA	45	40	5.0	16.000	75.000	C	150 J	.800 G	2MA	40	30	8.000
2N6104			SEE RF POWER SECTION												
2N6105			SEE RF POWER SECTION												
2N6106	PS 53	220 AA	RCA	80	70	5.0	7.000	40.000	C	150 J	10.000 G	1MA	60	90	2.000
2N6107	PS 54	220 AB	RCA	80	70	5.0	7.000	40.000	C	150 J	10.000 G	1MA	60	90	2.000
2N6108	PS 53	220 AA	RCA	60	50	5.0	7.000	40.000	C	150 J	10.000 G	1MA	40	90	2.500
2N6109	PS 54	220 AB	RCA	60	50	5.0	7.000	40.000	C	150 J	10.000 G	1MA	40	90	2.500
2N6110	PS 53	220 AA	RCA	40	30	5.0	7.000	40.000	C	150 J	10.000 G	1MA	20	90	3.000
2N6111	PS 54	220 AB	RCA	40	30	5.0	7.000	40.000	C	150 J	10.000 G	1MA	20	90	3.000
2N6112	NS 51 A		UPG	50	30	5.0		.360	A	150 S	160.000 G	10NA	50	330	.002
2N6122	NS 54	220 AB	FSC	60	60	5.0	4.000	40.000	C	150 J	2.500 G	100µA	60	50	1.500
2N6123	NS 54	220 AB	FSC	80	80	5.0	4.000	40.000	C	150 J	2.500 G	100µA	80	40	1.500
2N6124	PS 54	220 AB	FSC	45	45	5.0	4.000	40.000	C	150 J	2.500 G	100µA	45	50	1.500
2N6125	PS 54	220 AB	FSC	60	60	5.0	4.000	40.000	C	150 J	2.500 G	100µA	60	50	1.500
2N6126	PS 54	220 AB	FSC	80	80	5.0	4.000	40.000	C	150 J	2.500 G	100µA	80	40	1.500
2N6127	PS 560	61	TII	100	80	5.0	10.000	67.000	H	200 J	40.000 G	1MA	100	60	5.000
2N6128	NS 560	61	TII	100	80	6.0	10.000	67.000	H	200 J	50.000 G	1MA	100	60	5.000
2N6129	NS 54	220 AB	FSC	40	40	5.0	7.000	50.000	C	150 J	2.500 G	100µA	40	50	2.500
2N6130	NS 54	220 AB	FSC	60	60	5.0	7.000	50.000	C	150 J	2.500 G	100µA	60	50	2.500
2N6131	NS 54	220 AB	FSC	80	80	5.0	7.000	50.000	C	150 J	2.500 G	100µA	80	50	2.500
2N6132	PS 54	220 AB	FSC	40	40	5.0	7.000	50.000	C	150 J	2.500 G	500µA	40	50	2.500
2N6133	PS 54	220 AB	FSC	60	60	5.0	7.000	50.000	C	150 J	2.500 G	500µA	60	50	2.500
2N6134	PS 54	220 AB	FSC	80	80	5.0	7.000	50.000	C	150 J	2.500 G	500µA	80	50	2.500
2N6135	NS 962 E		MOT	35	25	3.5	.250	2.500	C	200 S	1100.000 G	10µA	18	85	.080
2N6136			SEE RF POWER SECTION												
2N6166			SEE RF POWER SECTION												
2N6175	NS 46 A		RCA	300	250	6.0	1.000	20.000	C	135 S	21.000 G	50µA	240	45	.020
2N6176	NS 46 A		RCA	350	300	6.0	1.000	20.000	C	135 S	21.000 G	50µA	280	45	.020
2N6177	NS 46 A		RCA	450	350	6.0	1.000	20.000	C	135 S	21.000 G	20µA	360	45	.020
2N6178	NS 46 A		RCA	100	100X	7.0	2.000	10.000	H	150 J	50.000 G	100µA	100	62	.500
2N6179	NS 46 A		RCA	75	75X	5.0	2.000	10.000	H	150 J	50.000 G	100µA	75	102	.500
2N6180	PS 46 A		RCA	100	100X	7.0	2.000	10.000	H	150 J	50.000 G	100µA	100	62	.500
2N6181	PS 46 A		RCA	75	75X	5.0	2.000	10.000	H	150 J	50.000 G	100µA	75	102	.500
2N6182	PS 561	59	MOT	80	80	6.0	10.000	60.000	C	200 J	30.000 G	10µA	80	60	2.000
2N6183	PS 561	59	MOT	80	80	6.0	10.000	60.000	C	200 J	30.000 G	10µA	80	120	2.000
2N6184	PS 561	59	MOT	100	100	6.0	10.000	60.000	C	200 J	30.000 G	10µA	100	60	2.000
2N6185	PS 561	59	MOT	100	100	6.0	10.000	60.000	C	200 J	30.000 G	10µA	100	120	2.000
2N6186	PS 560	59	MOT	80	80	6.0	10.000	60.000	C	200 J	30.000 G	10µA	80	60	2.000
2N6187	PS 560	59	MOT	80	80	6.0	10.000	60.000	C	200 J	30.000 G	10µA	80	120	2.000
2N6188	PS 560	59	MOT	100	100	6.0	10.000	60.000	C	200 J	30.000 G	10µA	100	60	2.000
2N6189	PS 560	59	MOT	100	100	6.0	10.000	60.000	C	200 J	30.000 G	10µA	100	120	2.000
2N6190	PS 210	39	MOT	80	80	6.0	5.000	10.000	C	200 J	30.000 G	10µA	80	60	2.000
2N6191	PS 210	39	MOT	80	80	6.0	5.000	10.000	C	200 J	30.000 G	10µA	80	120	2.000
2N6192	PS 210	39	MOT,STI	100	100	6.0	5.000	10.000	C	200 J	30.000 G	10µA	100	60	2.000
2N6193	PS 210	39	MOT	100	100	6.0	5.000	10.000	C	200 J	30.000 G	10µA	100	120	2.000
2N6197			SEE RF POWER SECTION												
2N6198			SEE RF POWER SECTION												
2N6199			SEE RF POWER SECTION												
2N6200			SEE RF POWER SECTION												
2N6201			SEE RF POWER SECTION												
2N6202			SEE RF POWER SECTION												
2N6203			SEE RF POWER SECTION												
2N6204			SEE RF POWER SECTION												
2N6205			SEE RF POWER SECTION												
2N6206			SEE RF POWER SECTION												
2N6207			SEE RF POWER SECTION												
2N6208			SEE RF POWER SECTION												
2N6211	PS 605	66	RCA	275	275X	6.0	2.000	20.000	H	200 J	20.000 G	500µA	250	35	1.000
2N6212	PS 605	66	RCA	350	350X	6.0	2.000	20.000	H	200 J	20.000 G	500µA	315	35	1.000
2N6213	PS 605	66	RCA	400	400X	6.0	2.000	20.000	H	200 J	20.000 G	500µA	360	35	1.000
2N6214	PS 605	66	RCA	450	450X	6.0	2.000	20.000	C	200 J	20.000 G			55	1.000
2N6218	NS 168 B		GEC	300	300	5.0	.050	.500	A	150 J	50.000 G	500NA	250	20	.020
2N6219	NS 168 B		GEC	250	250	5.0	.050	.500	A	150 J	50.000 G	1µA	200	20	.020
2N6220	NS 168 B		GEC	200	200	5.0	.050	.500	A	150 J	50.000 G	1µA	150	20	.020
2N6221	NS 168 B		GEC	150	150	5.0	.050	.500	A	150 J	50.000 G	10µA	100	20	.020
2N6222	NS 168 B		GEC	60	60	5.0	.100	.360	A	150 S		50NA	60	138	.002
2N6223	PS 168 B		GEC	60	60	5.0	.100	.360	A	150 S		50NA	60	138	.002
2N6224	NS 168 B		GEC	60	60	5.0	.100	.360	A	150 S		50NA	60	225	.002
2N6225	PS 168 B		GEC	60	60	5.0	.100	.360	A	150 S		50NA	60	225	.002
2N6226	PS 605	3	MOT	100	100	7.0	6.000	150.000	C	200 J	1.000 G	1MA	100	50	3.000
2N6227	PS 605	3	MOT	120	120	7.0	6.000	150.000	C	200 J	1.000 G	1MA	120	40	3.000
2N6228	PS 605	3	MOT	140	140	7.0	6.000	150.000	C	200 J	1.000 G	1MA	140	30	3.000
2N6229	PS 605	3	MOT	100	100	7.0	10.000	150.000	C	200 J	1.000 G	1MA	100	50	5.000
2N6230	PS 605	3	MOT	120	120	7.0	10.000	150.000	C	200 J	1.000 G	1MA	120	40	5.000
2N6231	PS 605	3	MOT	140	140	7.0	10.000	150.000	C	200 J	1.000 G	1MA	140	30	5.000
2N6233	NS 605	66	MOT	250	225	6.0	5.000	50.000	C	200 J	20.000 G	100µA	250	57	1.000
2N6234	NS 605	66	MOT	300	275	6.0	5.000	50.000	C	200 J	20.000 G	100µA	300	57	1.000
2N6235	NS 605	66	MOT	350	325	6.0	5.000	50.000	C	200 J	20.000 G	100µA	350	57	1.000
2N6246	PS 605	3	RCA	70	70R	5.0	15.000	125.000	C	200 J	10.000 G	200µA	65	45	7.000
2N6247	PS 605	3	RCA	90	90R	5.0	15.000	125.000	C	200 J	10.000 G	200µA	85	45	6.000
2N6248	PS 605	3	RCA	110	110R	5.0	10.000	125.000	C	200 J	10.000 G	200µA	100	45	5.000
2N6249	NS 605	3	RCA	300	225	6.0	10.000	100.000	H	200 J	2.500 G	1MA	300	30	10.000
2N6250	NS 605	3	RCA	375	300	6.0	10.000	100.000	H	200 J	2.500 G	1MA	375	29	10.000
2N6251	NS 605	3	RCA	450	375X	6.0	10.000	100.000	H	200 J	2.500 G	1MA	450	28	10.000
2N6253	NS 605	3	RCA,PPC	55	45	5.0	15.000	115.000	C	200 J	.800 G	2MA	55	85	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
2N6254	NS 605	3	RCA,PPC	100	80	7.0	15.000	150.000	C	200	J	.800	G	500μA	100	45	5.000
2N6255			SEE RF POWER SECTION														
2N6256			SEE RF POWER SECTION														
2N6257	NS 605	3	RCA,PPC	50	40	5.0	20.000	150.000	C	200	J	.200	G	4MA	45	33	8.000
2N6258	NS 605	3	RCA,PPC	100	80	7.0	30.000	250.000	C	200	J	.400	G	1MA	100	35	15.000
2N6259	NS 605	3	RCA,PPC	170	150	7.0	16.000	250.000	C	200	J	.200	G	200μA	150	30	8.000
2N6260	NS 605	66	RCA,PPC	50	40	5.0	3.000	29.000	C	200	J	.800	G	5MA	40	45	1.500
2N6261	NS 605	66	RCA,PPC	90	80	7.0	4.000	50.000	C	200	J	.800	G	500μA	80	50	1.500
2N6262	NS 605	3	RCA,PPC	170	150	7.0	10.000	150.000	C	200	J	.080	G	1MA	140	45	3.000
2N6263	NS 605	66	RCA,PPC	140	120	7.0	3.000	20.000	C	200	J	.200	G			60	.500
2N6264	NS 605	66	RCA,PPC	170	150	7.0	3.000	50.000	C	200	J	.200	G			40	1.000
2N6265			SEE RF POWER SECTION														
2N6266			SEE RF POWER SECTION														
2N6267			SEE RF POWER SECTION														
2N6268			SEE RF POWER SECTION														
2N6269			SEE RF POWER SECTION														
2N6270	NS 605	3	TII	100	80	8.0	30.000	150.000	H	200	J	75.000	G	1MA	100	60	15.000
2N6271	NS 605	3	TII	120	100	8.0	30.000	150.000	H	200	J	75.000	G	1MA	120	60	15.000
2N6272	NS 561	63	TII	100	80	8.0	30.000	150.000	H	200	J	75.000	G	1MA	100	60	15.000
2N6273	NS 561	63	TII	120	100	8.0	30.000	150.000	H	200	J	75.000	G	1MA	120	60	15.000
2N6274	NS 605	3	MOT	120	100	6.0	50.000	250.000	C	200	J	30.000	G	10μA	120	60	20.000
2N6275	NS 605	3	MOT	140	120	6.0	50.000	250.000	C	200	J	30.000	G	10μA	140	60	20.000
2N6276	NS 605	3	MOT	160	140	6.0	50.000	250.000	C	200	J	30.000	G	10μA	160	60	20.000
2N6277	NS 605	3	MOT	180	150	6.0	50.000	250.000	C	200	J	30.000	G	10μA	180	60	20.000
2N6278	NS 561	63	MOT	120	100	6.0	50.000	250.000	C	200	J	30.000	G	10μA	120	60	20.000
2N6279	NS 561	63	MOT	140	120	6.0	50.000	250.000	C	200	J	30.000	G	10μA	140	60	20.000
2N6280	NS 561	63	MOT	160	140	6.0	50.000	250.000	C	200	J	30.000	G	10μA	160	60	20.000
2N6281	NS 561	63	MOT	180	150	6.0	50.000	250.000	C	200	J	30.000	G	10μA	180	60	20.000
2N6282	NS 605	3	MOT	60	60	5.0	20.000	160.000	C	200	J	4.000	G	500μA	60	200	10.000
2N6283	NS 605	3	MOT	80	80	5.0	20.000	160.000	C	200	J	4.000	G	500μA	80	200	10.000
2N6284	NS 605	3	MOT	100	100	5.0	20.000	160.000	C	200	J	4.000	G	500μA	100	200	10.000
2N6285	PS 605	3	MOT	60	60	5.0	20.000	160.000	C	200	J	4.000	G	500μA	60	200	10.000
2N6286	PS 605	3	MOT	80	80	5.0	20.000	160.000	C	200	J	4.000	G	500μA	80	200	10.000
2N6287	PS 605	3	MOT	100	100	5.0	20.000	160.000	C	200	J	4.000	G	500μA	100	200	10.000
2N6288	NS 54	220 AB	RCA	40	40	5.0	7.000	16.000	H	150	J	4.000	G	100μA	37	70	6.500
2N6289	NS 53	220 AA	RCA	40	40	5.0	7.000	16.000	H	150	J	4.000	G	100μA	37	70	6.500
2N6290	NS 54	220 AB	RCA	60	60	5.0	7.000	16.000	H	150	J	4.000	G	100μA	56	70	6.500
2N6291	NS 53	220 AA	RCA	60	60	5.0	7.000	16.000	H	150	J	4.000	G	100μA	56	70	6.500
2N6292	NS 54	220 AB	RCA	80	80	5.0	7.000	16.000	H	150	J	4.000	G	100μA	75	70	6.500
2N6293	NS 53	220 AA	RCA	80	80	5.0	7.000	16.000	H	150	J	4.000	G	100μA	75	70	6.500
2N6294	NS 605	66	MOT	60	60	5.0	4.000	50.000	C	200	J	4.000	G	500μA	60	200	2.000
2N6295	NS 605	66	MOT	80	80	5.0	4.000	50.000	C	200	J	4.000	G	500μA	80	200	2.000
2N6296	NS 605	66	MOT	60	60	5.0	4.000	50.000	C	200	J	4.000	G	500μA	60	200	2.000
2N6297	NS 605	66	MOT	80	80	5.0	4.000	50.000	C	200	J	4.000	G	500μA	80	200	2.000
2N6298	PS 605	66	MOT	60	60	5.0	8.000	75.000	C	200	J	4.000	G	500μA	60	200	4.000
2N6299	PS 605	66	MOT	80	80	5.0	8.000	75.000	C	200	J	4.000	G	500μA	80	200	4.000
2N6300	NS 605	66	MOT	60	60	5.0	8.000	75.000	C	200	J	4.000	G	500μA	60	200	4.000
2N6301	NS 605	66	MOT	80	80	5.0	8.000	75.000	C	200	J	4.000	G	500μA	80	200	4.000
2N6302	NS 605	3	MOT	140	120	7.0	16.000	150.000	C	200	J	.200	G	2MA	125	30	8.000
2N6303	PS 210	5	MOT	80	80	4.0	3.000	6.000	C	200	S	60.000	G	1μA	80	68	1.500
2N6304	NS 217	72	MOT	30	15	3.5	.050	.200	A	200	J	1400.000	G	10NA	5	87	.002
2N6305	NS 217	72	MOT	30	15	3.5	.050	.200	A	200	J	1200.000	G	10NA	5	87	.002
2N6306	NS 605	3	MOT	500	250	8.0	8.000	125.000	C	200	J	5.000	G	500μA	450	34	3.000
2N6307	NS 605	3	MOT	600	300	8.0	8.000	125.000	C	200	J	5.000	G	500μA	550	34	3.000
2N6308	NS 605	3	MOT	700	350	8.0	8.000	125.000	C	200	J	5.000	G	500μA	650	27	3.000
2N6309	NS 563	114	MOT	120	100	6.0	90.000	400.000	C	200	J	30.000	G	10μA	120	110	25.000
2N6310	NS 563	114	MOT	140	120	6.0	90.000	400.000	C	200	J	30.000	G	10μA	140	110	25.000
2N6311	NS 563	114	MOT	160	140	6.0	90.000	400.000	C	200	J	30.000	G	10μA	160	110	25.000
2N6312	PS 605	66	MOT	40	40	5.0	5.000	75.000	C	200	J	4.000	G	50μA	40	20	3.000
2N6313	PS 605	66	MOT	60	60	5.0	5.000	75.000	C	200	J	4.000	G	50μA	60	20	3.000
2N6314	PS 605	66	MOT	80	80	5.0	5.000	75.000	C	200	J	4.000	G	50μA	80	20	3.000
2N6315	NS 605	66	MOT	60	60	5.0	7.000	90.000	C	200	J	4.000	G	2MA	60	40	2.500
2N6316	NS 605	66	MOT	80	80	5.0	7.000	90.000	C	200	J	4.000		2MA	80	40	2.500
2N6317	NS 605	66	MOT	60	60	5.0	7.000	90.000	C	200	J	4.000		2MA	60	40	2.500
2N6318	NS 605	66	MOT	80	80	5.0	7.000	90.000	C	200	J	4.000		2MA	80	40	2.500
2N6319	NS 607 B		MOT	120	100	6.0	80.000	300.000	C	200	J			10μA	120	110	25.000
2N6320	NS 607 B		MOT	140	120	6.0	80.000	300.000	C	200	J			10μA	140	110	25.000
2N6321	NS 607 B		MOT	160	140	6.0	80.000	300.000	C	200	J			10μA	160	110	25.000
2N6322	NS 605	3	TII	300	200	5.0	30.000	200.000	H	200	J	10.000	G	2MA	300	78	5.000
2N6323	NS 605	3	TII	400	300	5.0	30.000	200.000	H	200	J	10.000	G	2MA	400	68	5.000
2N6324	NS 561	63	TII	300	200	5.0	30.000	200.000	H	200	J	10.000	G	2MA	300	78	5.000
2N6325	NS 561	63	TII	400	300	5.0	30.000	200.000	H	200	J	10.000	G	2MA	300	68	5.000
2N6326	NS 605	3	TII	60	60	5.0	30.000	114.000	H	200	J	3.000	G	500μA	60	13	30.000
2N6327	NS 605	3	TII	80	80	5.0	30.000	114.000	H	200	J	3.000	G	500μA	80	13	30.000
2N6328	NS 605	3	TII	100	100	5.0	30.000	114.000	H	200	J	3.000	G	500μA	100	13	30.000
2N6329	PS 605	3	TII	60	60	5.0	30.000	114.000	H	200	J	3.000	G	500μA	60	13	30.000
2N6330	PS 605	3	TII	80	80	5.0	30.000	114.000	H	200	J	3.000	G	500μA	80	13	30.000
2N6331	PS 605	3	TII	100	100	5.0	30.000	114.000	H	200	J	3.000	G	500μA	100	13	30.000
2N6338	NS 605	3	MOT	120	100	6.0	25.000	200.000	C	200	J	40.000	G	10μA	120	60	10.000
2N6339	NS 605	3	MOT	140	120	6.0	25.000	200.000	C	200	J	40.000	G	10μA	140	60	10.000
2N6340	NS 605	3	MOT	160	140	6.0	25.000	200.000	C	200	J	40.000	G	10μA	160	60	10.000
2N6341	NS 605	3	MOT	180	150	6.0	25.000	200.000	C	200	J	40.000	G	10μA	180	60	10.000
2N6350	NS 217	33	UNI		80R		5.000	5.000	C	200	J	50.000	G				5.000
2N6351	NS 217	33	UNI		150R		10.000	5.000	C	200	J	50.000	G			500	5.000
2N6352	NS 606 A		UNI		80R		5.000	25.000	C	200	J	50.000	G				5.000
2N6353	NS 606 A		UNI		150R		10.000	25.000	C	200	J	50.000	G			500	5.000
2N6354	NS 605	3	RCA	150	120	6.5	10.000	140.000	C	200	J	80.000	G	5MA	150	58	5.000
2N6355	NS 605	3	MOT	50	40	5.0	20.000	150.000	C	150	J	.200	G	10MA	40	400	10.000
2N6356	NS 605	3	MOT	50	40	5.0	20.000	150.000	C	150	J	.200	G	10MA	40	400	10.000
2N6357	NS 605	3	MOT	80	60	5.0	20.000	150.000	C	150	J	.200	G	10MA	60	800	10.000
2N6358	NS 605	3	MOT	80	60	5.0	20.000	150.000	C	150	J	.200	G	10MA	60	800	10.000
2N6359	NS 605	3	MOT	100	80	7.0	16.000	150.000	C	200	J	.200	G	10MA	80	30	8.000
2N6360	NS 605	3	MOT	120	100	7.0	12.000	150.000	C	200	J	.200	G	10MA	80	30	6.000
2N6361			SEE RF POWER SECTION														
2N6362			SEE RF POWER SECTION														
2N6363			SEE RF POWER SECTION														
2N6364			SEE RF POWER SECTION														
2N6365			SEE RF POWER SECTION														
2N6365A			SEE RF POWER SECTION														
2N6366			SEE RF POWER SECTION														
2N6367			SEE RF POWER SECTION														
2N6368			SEE RF POWER SECTION														
2N6369			SEE RF POWER SECTION														
2N6370			SEE RF POWER SECTION														
2N6371	NS 605	3	RCA	50	40	5.0	16.000	117.000	C	200	J	.800	G			38	8.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2N6372	NS 605	66	RCA	90	80	5.0	6.000	40.000	C	200	J	4.000	G	100μA	45	60	2.000
2N6373	NS 605	66	RCA	70	60	5.0	6.000	40.000	C	200	J	4.000	G	100μA	65	60	2.500
2N6374	NS 605	66	RCA	50	40	5.0	6.000	40.000	C	200	J	4.000	G	100μA	85	60	3.000
2N6375	NS 211	18	NSC	75	40	6.0	1.500	.580	A	200	S	300.000	G	200NA	40	60	.500
2N6376	NS 211	39	NSC	75	40	6.0	1.000	.580	A	200	S	300.000	G	200NA	40	60	.500
2N6377	PS 607 B		MOT	100	80	6.0	50.000	250.000	A	200	J	25.000	G			75	20.000
2N6378	PS 607 B		MOT	120	100	6.0	50.000	250.000	A	200	J	25.000	G			75	20.000
2N6379	PS 607 B		MOT	140	120	6.0	50.000	250.000	A	200	J	25.000	G			75	20.000
2N6380	PS 560	63	MOT	100	80	6.0	50.000	250.000	A	200	J	25.000	G			75	20.000
2N6381	PS 560	63	MOT	120	100	6.0	50.000	250.000	A	200	J	25.000	G			75	20.000
2N6382	PS 560	63	MOT	140	120	6.0	50.000	250.000	A	200	J	25.000	G			75	20.000
2N6383	NS 605	3	RCA	40	40	5.0	10.000	100.000	C	200	J	20.000	G	10MA	40	500	5.000
2N6384	NS 605	3	RCA	60	60	5.0	10.000	100.000	C	200	J	20.000	G	10MA	60	500	5.000
2N6385	NS 605	3	RCA	80	80	5.0	10.000	100.000	C	200	J	20.000	G	10MA	80	500	5.000
2N6386	NS 54	220 AB	RCA	40	40	5.0	8.000	40.000	C	150	J	20.000	G	10MA	40	500	3.000
2N6387	NS 54	220 AB	RCA	60	60	5.0	10.000	40.000	C	150	J	20.000	G	10MA	60	500	5.000
2N6388	NS 54	220 AB	RCA	80	80	5.0	10.000	40.000	C	150	J	20.000	G	10MA	80	500	5.000
2N6389	NS 217	72	RCA	20	12	2.5	.040	.200	A	200	J	2000.000	G	20NA	15	137	.003
2N6390			SEE RF POWER SECTION														
2N6391			SEE RF POWER SECTION														
2N6392			SEE RF POWER SECTION														
2N6393			SEE RF POWER SECTION														
2N6406	PS 48 C		MOT	80	60	6.0	2.000	12.500	C	150	J	50.000	G			150	.100
2N6407	PS 48 C		MOT	100	80	6.0	2.000	12.500	C	150	J	50.000	G			150	.100
2N6408	NS 48 C		MOT	80	60	6.0	2.000	12.500	C	150	J	50.000	G			150	.100
2N6409	NS 48 C		MOT	100	80	6.0	2.000	12.500	C	150	J	50.000	G			150	.100
2N6410	NS 48 C		MOT	40	25	6.0	4.000	15.000	C	150	J	50.000	G			113	2.000
2N6411	PS 48 C		MOT	40	25	6.0	4.000	15.000	C	150	J	50.000	G			113	2.000
2N6412	NS 48 C		MOT	60	40	6.0	4.000	15.000	C	150	J	50.000	G			145	.200
2N6413	NS 48 C		MOT	80	60	6.0	4.000	15.000	C	150	J	50.000	G			145	.200
2N6414	PS 48 C		MOT	60	40	6.0	4.000	15.000	C	150	J	50.000	G			145	.200
2N6415	PS 48 C		MOT	80	60	6.0	4.000	15.000	C	150	J	50.000	G			145	.200
2N6416	NS 48 C		MOT	80	80	6.0	3.000	15.000	C	150	J	40.000	G			145	.200
2N6417	NS 48 C		MOT	100	100	6.0	3.000	15.000	C	150	J	40.000	G			145	.200
2N6418	PS 48 C		MOT	80	80	6.0	3.000	15.000	C	150	J	40.000	G			145	.200
2N6419	PS 48 C		MOT	100	100	6.0	3.000	15.000	C	150	J	40.000	G			145	.200
2N6420	PS 605	66	MOT	250	175	6.0	1.000	35.000	C	200	J	10.000	G			120	.500
2N6421	PS 605	66	MOT	375	250	6.0	2.000	35.000	C	200	J	10.000	G			44	1.000
2N6422	PS 605	66	MOT	500	300	6.0	2.000	35.000	C	200	J	10.000	G			44	1.000
2N6423	PS 605	66	MOT	500	300	6.0	2.000	35.000	C	200	J	15.000	G			55	.750
2N6424	PS 605	66	MOT	250	225	6.0	.250	20.000	C	175	J	10.000	G			120	
2N6425	PS 605	66	MOT	325	300	6.0	.250	20.000	C	175	J	10.000	G			120	.100
2N6426	NS 41	92	MOT	40	40	12.0	.500	.625	A	150	S	MLT,IND	G	50NA	30	165	.100
2N6427	NS 41	92	MOT	40	40	12.0	.500	.625	A	150	S	MLT,IND	G	50NA	30	110	.100
2N6436	PS 605	3	MOT	100	80	6.0	25.000	200.000	C	200	J	40.000	G	10μA	100	50	10.000
2N6437	PS 605	3	MOT	120	100	6.0	25.000	200.000	C	200	J	40.000	G	10μA	120	50	10.000
2N6438	PS 605	3	MOT	140	100	6.0	25.000	200.000	C	200	J	40.000	G	10μA	140	50	10.000
2N6455			SEE RF POWER SECTION														
2N6456			SEE RF POWER SECTION														
2N6457			SEE RF POWER SECTION														
2N6458			SEE RF POWER SECTION														
2N6459			SEE RF POWER SECTION														
2N6460			SEE RF POWER SECTION														
2N6461	NS 211	39	TII	300	300	7.0	.100	10.000	C	200	S	200.000	G	50NA	200	75	.020
2N6462	NS 211	39	TII	300	300	7.0	.100	10.000	C	200	S	200.000	G	50NA	200	20	.004
2N6463	NS 211	39	TII	250	250	6.0	.100	10.000	C	200	S	200.000	G	50NA	150	75	.020
2N6464	NS 211	39	TII	250	250	6.0	.100	10.000	C	200	S	200.000	G	50NA	150	20	.004
2N6467	PS 605	66	RCA	100	110X	5.0	4.000	23.200	C	200	J	5.000	G			83	1.500
2N6468	PS 605	66	RCA	130	130X	5.0	4.000	23.200	C	200	J	5.000	G			83	1.500
2N6469	PS 605	3	RCA	50	50X	5.0	15.000	71.500	C	200	J	10.000	G			85	5.000
2N6470	NS 605	3	RCA	50	50X	5.0	15.000	71.500	C	200	J	5.000	G			85	5.000
2N6471	NS 605	3	RCA	70	70X	5.0	15.000	71.500	C	200	J	5.000	G			85	5.000
2N6472	NS 605	3	RCA	90	90X	5.0	15.000	71.500	C	200	J	5.000	G			85	5.000
2N6473	NS 54	220 AB	RCA	110	110X	5.0	4.000	16.000	C	150	J	4.000	G			83	1.500
2N6474	NS 54	220 AB	RCA	130	130X	5.0	4.000	16.000	C	150	J	4.000	G			83	1.500
2N6475	PS 54	220 AB	RCA	110	110X	5.0	4.000	16.000	C	150	J	14.000	G			83	1.500
2N6476	PS 54	220 AB	RCA	130	130X	5.0	4.000	16.000	C	150	J	14.000	G			83	1.500
2N6477	NS 54	220 AB	RCA	140	120	5.0	2.500	50.000	C	150	J	200.000	G			88	1.000
2N6478	NS 54	220 AB	RCA	160	140	5.0	2.500	50.000	C	150	J	200.000	G			88	1.000
2N6479	NS 914 A		RCA	100	60X	6.0	12.000	87.000	C	200	J	100.000	G	1MA	100	160	12.000
2N6480	NS 914 A		RCA	100	80X	6.0	12.000	87.000	C	200	J	100.000	G	1MA	100	160	12.000
2N6481	NS 913 A		RCA	100	60X	6.0	12.000	117.000	C	200	J	100.000	G	1MA	100	160	12.000
2N6482	NS 913 A		RCA	100	80X	6.0	12.000	117.000	C	200	J	100.000	G	1MA	100	160	12.000
2N6486	NS 54	220 AB	RCA	50	50X	5.0	15.000	30.000	H	150	J	5.000	G			85	5.000
2N6487	NS 54	220 AB	RCA	70	70X	5.0	15.000	30.000	H	150	J	5.000	G			85	5.000
2N6488	NS 54	220 AB	RCA	90	90X	5.0	15.000	30.000	H	150	J	5.000	G			85	5.000
2N6489	PS 54	220 AB	RCA	50	50X	5.0	15.000	30.000	H	150	J	5.000	G			85	5.000
2N6490	PS 54	220 AB	RCA	70	70X	5.0	15.000	30.000	H	150	J	5.000	G			85	5.000
2N6491	PS 54	220 AB	RCA	90	90X	5.0	15.000	30.000	H	150	J	5.000	G			85	5.000
2N6492	NS 605	3	MOT	55	45	7.0	15.000	100.000	C	150	J	.400	G	10MA	50	750	3.000
2N6493	NS 605	3	MOT	100	70	7.0	15.000	100.000	C	150	J	.400	G	30MA	100	750	4.000
2N6494	NS 605	3	MOT	100	80	7.0	15.000	100.000	C	150	J	.400	G	5MA	100	750	5.000
2N6495	NS 605	66	MOT	150	80	6.0	10.000	70.000	C	200	J	25.000	G			35	10.000
2N6496	NS 605	3	RCA	150	130X	7.0	15.000	80.000	C	200	J	60.000	G			56	8.000
2N6497	NS 44 A		MOT	350	250	6.0	5.000	80.000	C	150	J	5.000	G			43	2.500
2N6498	NS 44 A		MOT	400	300	6.0	5.000	80.000	C	150	J	5.000	G			43	2.500
2N6499	NS 44 A		MOT	450	350	6.0	5.000	80.000	C	150	J	5.000	G			43	2.500
2N6500	NS 605	66	RCA	120	110X	7.0	4.000	20.000	H	200	J	60.000	G	5MA	110	38	3.000
2N6510			SEE RF POWER SECTION														
2N6511			SEE RF POWER SECTION														
2N6512			SEE RF POWER SECTION														
2N6513			SEE RF POWER SECTION														
2N6514			SEE RF POWER SECTION														
2N6515	NS 41	92	MOT	250	250	6.0	.500	.625	A	200	S	160.000	G	50NA	150	175	.030
2N6516	NS 41	92	MOT	300	300	6.0	.500	.625	A	200	S	160.000	G	50NA	200	157	.030
2N6517	NS 41	92	MOT	350	350	6.0	.500	.625	A	200	S	160.000	G	50NA	250	115	.030
2N6518	PS 41	92	MOT	250	250	5.0	.500	.625	A	150	S	160.000	G	50NA	150	175	.030
2N6519	PS 41	92	MOT	300	300	5.0	.500	.625	A	150	S	160.000	G	50NA	200	157	.030
2N6520	PS 41	92	MOT	350	350	5.0	.500	.625	A	150	S	160.000	G	50NA	250	115	.030
2N6523			SEE RF POWER SECTION														
2N6524			SEE RF POWER SECTION														
2N6525			SEE RF POWER SECTION														
2N6526			SEE RF POWER SECTION														
2N6527			SEE RF POWER SECTION														
2N6528			SEE RF POWER SECTION														

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
2N6529			SEE RF POWER SECTION													
2S024	NS 730	53	TIL	100	32	10.0	7.500	100.000	C			10.000	G		30	2.000
2S025	NS 730	53	TIL	150	60	10.0	7.500	100.000	C			10.000	G		30	2.000
2S026	NS 730	53	TIL	200	100	10.0	7.500	100.000	C			10.000	G		30	2.000
2S57			SEE 2SA57													
2S095A	NS 211	18	TIL	20	15	5.0	.200	.300	A			300.000	G		90	.010
2S102	NS 211	18	TIL	60	45	6.0	.050	.400	A			150.000	G		32	.005
2S103	NS 211	18	TIL	60	45	6.0	.050	.400	A			150.000	G		65	.005
2S104	NS 211	18	TIL	60	45	6.0	.050	.400	A			150.000	G		130	.005
2S131	NS 211	18	TIL	15	12	5.0	.200	.300	A			220.000	G		30	.010
2S189			SEE 2SB189													
2S301	PS 210	5	TIL	80	80	30.0	.150	.300	A			.250	G		21	.010
2S302A	PS 210	5	TIL	25	25	10.0	.150	.300	A			.350	G		30	.010
2S303	PS 210	5	TIL	25	25	20.0	.150	.300	A			.650	G		41	.010
2S304	PS 210	5	TIL	15	15	15.0	.150	.300	A			1.000	G		83	.010
2S305	PS 210	5	TIL	125	125	50.0	.150	.300	A			.250	G		21	.010
2S306	PS 210	5	TIL	6	6	6.0	.010	.050	A			1.500	G		45	.001
2S307	PS 210	5	TIL	15	15	15.0	.010	.050	A			1.500	G		45	.001
2S321	PS 170 L		TIL	80	80	30.0	.100	.300	A			.250	G		19	.010
2S322	PS 170 L		TIL	40	40	20.0	.100	.300	A			.350	G		25	.010
2S322A	PS 170 L		TIL	25	25	10.0	.100	.300	A			.350	G		30	.010
2S323	PS 170 L		TIL	25	25	20.0	.100	.300	A			.650	G		45	.010
2S324	PS 170 L		TIL	15	15	15.0	.100	.300	A			1.000	G		83	.010
2S325	PS 170 L		TIL	125	125	50.0	.100	.300	A			.250	G		19	.010
2S326	PS 170 L		TIL	6	6	6.0	.010	.050	A			1.500	G		45	.001
2S327	PS 170 L		TIL	15	15	15.0	.010	.050	A			1.500	G		45	.001
2S501	NS 211	18	TIL	25	25	5.0	.030	.300	A			30.000	G		70	.001
2S502	NS 211	18	TIL	25	25	5.0	.030	.300	A			30.000	G		175	.001
2S503	NS 211	18	TIL	25	25	5.0	.030	.300	A			30.000	G		270	.001
2S512	NS 211	18	TIL	25	20	5.0	.200	.300	A			250.000	G		90	.010
2S3010	PS 210	5	TIL	40	40	20.0	.150	.300	A			.100	G		21	.010
2S3020	PS 210	5	TIL	40	40	20.0	.150	.300	A			.150	G		30	.010
2S3021	PS 210	5	TIL	15	15	10.0	.150	.300	A			.150	G		23	.010
2S3030	PS 210	5	TIL	25	25	10.0	.150	.300	A			.250	G		44	.010
2S3210	PS 170 L		TIL	40	40	20.0	.150	.300	A			.100	G		21	.010
2S3220	PS 170 L		TIL	40	40	20.0	.150	.300	A			.150	G		30	.010
2S3221	PS 170 L		TIL	15	15	10.0	.150	.300	A			.150	G		23	.010
2S3230	PS 170 L		TIL	25	25	10.0	.150	.300	A			.250	G		46	.010
2S3240	PS 170 L		TIL	15	15	10.0	.150	.300	A			.400	G		60	.010
2SA12	PG 120	1	HIT	16		.5	.015	.080	A	85	J	8.000	B	6μA 12	55	.001
2SA13	PG 120	1	HIT	12		.5	.015	.080	A	85	J	8.000	B	10μA 12	55	.001
2SA15	PG 120	1	HIT	16		.5	.015	.080	A	85	J	12.000	B	6μA 12	60	.001
2SA16	PG 120	1	HIT	12		.5	.015	.080	A	85	J	12.000	B	10μA 12	60	.001
2SA17	PG 120	1	HIT	12		.5	.015	.080	A	60	A	19.000	B	16μA 12	250	
2SA18	PG 120	1	HIT	21	12	12.0	.015	.080	A	85	J	14.000	B	6μA 12	150	
2SA28			SEE 2SA472													
2SA29			SEE 2SA472-1													
2SA41	PG 120	1	HIT	35	20	20.0	.040	.130	A	70	J	6.000	B	6μA 12	45	
2SA42	PG 120	1	HIT	45	23	20.0	.040	.130	A	70	J	6.000	B	6μA 12	45	
2SA49	PG 120	1	TOS	18		12.0	.005	.060	A	75	J	6.000	B	10μA 18	80	.001
2SA50	PG 120	1	TOS	18		12.0	.024	.055	A	75	J	9.300	B	3μA 12	68	.024
2SA51			SEE 2SA472													
2SA52	PG 120	1	TOS	18		12.0	.005	.060	A	75	J	4.000	B	10μA 18	68	.001
2SA53	PG 120	1	TOS	18		12.0	.005	.060	A	75	J	3.000	B	10μA 18	52	.001
2SA57	PG 128	44	TOS	18		.5	.005	.055	A	75	J	85.000	B	10μA 18	44	.001
2SA58			SEE 2SA518													
2SA58-G			SEE 2SA518-G													
2SA60			SEE 2SA470													
2SA60-G			SEE 2SA470-G													
2SA65			SEE 2SA282													
2SA66			SEE 2SA283													
2SA67			SEE 2SA284													
2SA69	PG 75	7	MAT	20		.5	.010	.100	A	75	J	70.000	B	13μA 6	40	
2SA70	PG 75	7	MAT	20		.5	.010	.100	A	75	J	70.000	B	13μA 6	40	
2SA71	PG 75	7	MAT	20		.5	.010	.100	A	75	J	100.000	B	13μA 6	40	
2SA72			SEE 2SA472-2,3													
2SA73			SEE 2SA472-4,5													
2SA74	PG 128	44	TOS	50		.5	.050	.120	A	75	J	70.000	B	8μA 12	110	.001
2SA75	PG 128	44	TOS	5		.5	.050	.120	A	75	J	30.000	B	8μA 12	110	.001
2SA76	PG 128	44	TOS	18		.5	.005	.055	A	75	J	160.000	B	15μA 18	110	.001
2SA77	PG 128	44	TOS	18		.5	.005	.055	A	75	J	70.000	G	12μA 12	110	.001
2SA78			SEE 2SA478-G													
2SA80	PG 128	44	HIT	20		.5	.010	.080	A	85	J	60.000	B	10μA 12	80	
2SA81	PG 128	44	HIT	20		.5	.010	.080	A	70	A	40.000	B	10μA 12	80	
2SA82	PG 128	44	HIT	20		.5	.010	.080	A	70	A	40.000	B	10μA 12	80	
2SA83	PG 128	44	HIT	25		.5	.010	.080	A	70	A	30.000	B	10μA 12	80	
2SA84	PG 128	44	HIT	25		.5	.010	.080	A	70	A	35.000	B	10μA 12	80	
2SA85	PG 128	44	HIT	25		1.0	.010	.080	A	70	A	55.000	B	10μA 12	80	
2SA86	PG 128	44	HIT	45		1.0	.050	.125	A	70	J	25.000	B	5μA 12	80	
2SA92			SEE 2SA468													
2SA92-G			SEE 2SA468-G													
2SA93			SEE 2SA469													
2SA93-G			SEE 2SA469-G													
2SA100	PG 120	1	MAT	40		.7	.010	.060	A	75	J	10.000	B	16μA 10	50	
2SA101	PG 120	1	MAT	40		.7	.010	.060	A	75	J	15.000	B	16μA 10	12	
2SA102	PG 120	1	MAT	40		.7	.010	.060	A	75	J	25.000	B	16μA 10	40	
2SA103	PG 120	1	MAT	40		.7	.010	.060	A	75	J	35.000	B	16μA 10	50	
2SA104	PG 120	1	MAT	40		.7	.010	.060	A	75	J	50.000	B	16μA 10	100	
2SA121	PG 35 B		SON	15	15R		.002	.015	A	65	J	50.000	B	8μA 15	40	
2SA122	PG 35 B		SON	15	15		.002	.015	A	65	J	50.000	B	8μA 15	40	
2SA123	PG 35 B		SON	15	15R		.002	.015	A	65	J	50.000	B	8μA 15	40	
2SA124	PG 35 B		SON	15	15		.002	.015	A	65	J	90.000	B	8μA 15	44	
2SA125	PG 35 B		SON	15	15		.002	.015	A	65	J	100.000	B	4μA 25	50	
2SA127	PG 128	44	TOS	70		.5	.050	.150	A	75	J	25.000	B	50μA 12	114	.001
2SA128	PG 128	44	TOS	40			.600	.170	A	75	J	15.000	B	50μA 12	28	.600
2SA129	PG 128	44	TOS	40			.600	.170	A	75	J	15.000	B	50μA 12	88	.600
2SA161	PG 217	17	SON	20	15R		.010	.050	A	85	J	VHFAMP		5μA 15	6	.001
2SA162	PG 217	17	SON	20	15R		.010	.050	A	85	J	VHFAMP		5μA 15	12	.001
2SA163	PG 217	17	SON	20	15R		.010	.050	A	85	J	VHFAMP		5μA 15	24	.001
2SA165	PG 217	17	SON	20	15R		.010	.050	A	85	J	300.000	G	5μA 15	24	.001
2SA166	NG 217	17	SON	20	15R		.010	.050	A	85	J	VHFOSC		5μA 15	10	
2SA175	PG 128	44	TOS	18		.5	.005	.055	A	75	J	85.000	B	15μA 18	110	.001
2SA182	PG 120 J		SAN	25		12.0	.100	.100	A	75	J	6.000	G	5μA 15	50	.030
2SA201	PG 120 J		SAN	15		10.0	.015	.100	A	75	J	6.000	G	15μA 15	50	.001
2SA202	PG 120 J		SAN	15		10.0	.015	.100	A	75	J	6.000	G	15μA 15	55	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
2SA203	PG 120 J		SAN	15		10.0	.015	.100	A	75	J	6.000	G	15μA	15	30	.001
2SA208	PG 210	5	HIT	20	15	12.0	.400	.120	A	85	J	3.000	B	20μA	20	30	10.200
2SA209	PG 210	5	HIT	20	15	12.0	.400	.120	A	85	J	5.000	B	20μA	20	60	10.200
2SA210	PG 210	5	HIT	20	15	12.0	.400	.120	A	85	J	10.000	B	20μA	20	90	10.200
2SA211	PG 210	5	HIT	18	12R	10.0	.100	.120	A	85	J	4.000	B	10μA	12	50	
2SA212	PG 210	5	HIT	25	15	12.0	.100	.120	A	85	J	4.000	B	5μA	12	50	
2SA217	PG 210	5	HIT	25	12	12.0	.100	.120	A	85	J	14.000	B	5μA	12	50	
2SA219	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	100	.001
2SA221	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	180	.001
2SA222	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	120	.001
2SA223	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	150	.001
2SA229	PG 217	17	TOS	20		.2	.005	.070	A	85	J	400.000	G	10μA	20	54	.001
2SA230	PG 217	17	TOS	20		.2	.005	.070	A	85	J	400.000	G	10μA	20	54	.001
2SA233	PG 128	44	HIT	20		.5	.010	.080	A	85	J	90.000	B	30μA	20	50	
2SA234	PG 128	44	HIT	20		.5	.010	.080	A	85	J	120.000	B	30μA	20	70	.001
2SA235	PG 128	44	HIT	20		.5	.010	.080	A	85	J	135.000	B	30μA	20	90	.001
2SA236			SEE 2SA472-4														
2SA237			SEE 2SA472-4,5,6														
2SA239	PG 217	17	TOS	20		.2	.005	.075	A	85	J	125.000	G	10μA	12	8	
2SA240	PG 217	17	TOS	20		.2	.005	.075	A	85	J	125.000	G	10μA	12	42	
2SA241	PG 75	7	MAT	20		.4	.005	.050	A	75	J	240.000	G	13μA	10		
2SA246	PG 128	44	HIT	30		.5	.030	.100	A	85	J	155.000	B	30μA	30	70	
2SA247	PG 128	44	HIT	10	10	1.2	.030	.100	A	85	J	200.000	B	5μA	10	125	
2SA248			SEE 2SA479														
2SA250	PG 120	1	MAT	100		.7	.010	.180	C	75	J	50.000	G	16μA	10		
2SA276	PG 217	17	TOS	15		2.0	.030	.075	A	75	J	130.000	G	5μA	12	58	.010
2SA277	PG 210	5	TOS	18		12.0	.040	.065	A	75	J	3.500	B	3μA	12	64	.024
2SA278	PG 210	5	TOS	18		12.0	.040	.065	A	75	J	11.000	B	3μA	12	84	.024
2SA279	PG 75	7	MAT	30		.5	.030	.250	C	75	J	150.000	G	6μA	6	124	
2SA282	PG 210	5	TOS	18		12.0	.200	.150	A	75	J	3.800	B	7μA	12	60	.100
2SA283	PG 210	5	TOS	18		12.0	.200	.150	A	75	J	6.000	B	7μA	12	66	.100
2SA284	PG 210	5	TOS	18		12.0	.200	.150	A	75	J	10.000	B	7μA	12	76	.100
2SA288	PG 75	7	HIT	20		.5	.010	.080	A	85	J	530.000	B	30μA	20	20	
2SA289	PG 75	7	HIT	20		.5	.010	.080	A	85	J	550.000	B	30μA	20	20	
2SA290	PG 75	7	HIT	20		.5	.010	.080	A	85	J	550.000	B	30μA	20	20	
2SA304	PG 210	5	TOS	18		12.0	.040	.065	A	75	J	2.000	B	4μA	12	76	.001
2SA305	PG 210	5	TOS	18		12.0	.040	.065	A	75	J	6.000	B	4μA	12	76	.001
2SA311	PG 210	5	TOS	40		2.0	.400	.150	A	75	J	20.000	B	6μA	12	68	.400
2SA312	PG 210	5	TOS	40		2.0	.200	.150	A	75	J	25.000	B	6μA	12	68	.200
2SA313	PG 210	5	TOS	18		.5	.020	.060	A	75	J	40.000	B	6μA	12	78	.001
2SA314	PG 210	5	TOS	18		.5	.020	.060	A	75	J	40.000	B	6μA	12	78	.001
2SA315	PG 210	5	TOS	18		.5	.020	.060	A	75	J	55.000	B	6μA	12	78	.001
2SA316	PG 210	5	TOS	18		.5	.020	.060	A	75	J	75.000	B	6μA	12	78	.001
2SA321	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	70	.001
2SA322	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	70	.001
2SA323	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	120	.001
2SA324	PG 120 J		SAN	20		1.5	.015	.070	A	75	J	50.000	G	15μA	15	70	.001
2SA331	PG 120 J		SAN	20		1.5		.120	A	75	J	50.000	G	15μA	15	100	.001
2SA338	PG 105 E		MAT	20		.5	.005	.050	A	75	J	10.000	B	16μA	10	26	
2SA339	PG 105 E		MAT	20		.5	.005	.050	A	75	J	20.000	B	16μA	10	54	
2SA340	PG 217	72	MAT	20		.5	.010	.063	A	75	J	70.000	B	13μA	6	40	
2SA341	PG 217	72	MAT	20		.5	.010	.063	A	75	J	70.000	B	13μA	6	40	
2SA342	PG 217	72	MAT	20		.5	.010	.063	A	75	J	100.000	B	13μA	6	40	
2SA344	PG 128	44	MAT	30		.4	.030	.120	A	75	J	150.000	G	6μA	6	40	
2SA350	PG 120	1	HIT	20		.5	.010	.080	A	85	J	55.000	B	10μA	12	90	.001
2SA351	PG 120	1	HIT	20		.5	.010	.080	A	85	J	45.000	B	10μA	12	70	.001
2SA352	PG 120	1	HIT	20		.5	.010	.080	A	85	J	35.000	B	10μA	12	70	.001
2SA353	PG 120	1	HIT	25		.5	.010	.080	A	85	J	35.000	B	10μA	12	70	.001
2SA353A	PG 120	1	HIT	50		1.0	.010	.080	A	85	J	30.000	B	10μA	12	70	.001
2SA354	PG 120	1	HIT	25		.5	.010	.080	A	85	J	40.000	B	10μA	12	70	.001
2SA354A	PG 120	1	HIT	50		1.0	.010	.080	A	85	J	30.000	B	10μA	12	70	.001
2SA355	PG 120	1	HIT	25		1.0	.010	.080	A	85	J	45.000	B	10μA	12	90	.001
2SA355A	PG 120	1	HIT	50		1.0	.010	.080	A	85	J	30.000	B	10μA	12	70	.001
2SA356	PG 120	1	HIT	9		.5	.010	.080	A	85	J	25.000	B	15μA	9	80	
2SA357	PG 120	1	HIT	9		.5	.010	.080	A	85	J	325.000	B	15μA	9	80	
2SA358	PG 120	1	HIT	75		1.0	.050	.125	A	85	J	45.000	B	12μA	12	90	
2SA372	PG 210	18	TOS	15		2.0	.200	.100	A	75	J	350.000	G	10μA	12	58	.010
2SA377	PG 217	72	MAT	20		.4	.005	.050	A	75	J	240.000	G	13μA	10	20	
2SA378	PG 217	72	MAT	20		.4	.005	.050	A	75	J	300.000	G	13μA	10	20	
2SA379	PG 217	72	MAT	20		.4	.005	.050	A	75	J	350.000	G	13μA	10	20	
2SA385	PG 120	1	MAT	16		10.0	.010	.080	A	75	J	5.000	G	12μA	10	160	
2SA391	PG 210	5	OKI	18		12.0	.200	.150	A	85	J	3.000	B	6μA	6	70	
2SA392	PG 210	5	OKI	18		12.0	.200	.150	A	85	J	6.000	B	6μA	6	100	
2SA393	PG 210	5	OKI	19		12.0	.200	.150	A	85	J	9.500	B	6μA	6	150	
2SA393A	PG 210	5	OKI	30		12.0	.200	.200	A	85	J	9.500	B	6μA	6	150	
2SA394	PG 210	5	OKI	18		12.0	.200	.150	A	85	J	14.000	B	6μA	6	200	
2SA395	PG 210	5	OKI	18		12.0	.200	.150	A	85	J	19.000	B	6μA	6	300	
2SA396	PG 211	5	OKI	15	8	15.0	.200	.250	A	85	J	3.000	B	20μA	12	80	
2SA397	PG 211	5	OKI	23	12	15.0	.200	.250	A	85	J	5.000	B	15μA	12	100	
2SA398	PG 211	5	OKI	30	15	20.0	.200	.250	A	85	J	7.500	B	5μA	12	120	
2SA399	PG 211	5	OKI	30	15	20.0	.200	.250	A	85	J	10.000	B	6μA	12	70	
2SA401	PG 128	44	HIT	30		.5	.040	.130	A	85	J	230.000	B	30μA	30	70	
2SA412	PG 120	1	HIT	12	12	1.0	.100	.150	A	85	J	60.000	G	20μA	30	70	.030
2SA413	PG 218	18	MAT	20		2.5	.030	.275	C	75	J	300.000	G	5μA	5	100	.030
2SA414	PG 212	5	MAT	30		20.0	.200	.150	C	85	J	4.000	G	3μA	5	30	.200
2SA415	PG 212	5	MAT	30		20.0	.200	.150	C	85	J	6.000	G	3μA	5	40	.200
2SA416	PG 605	3	MAT	70		1.5	.700	6.000	C	75	J	60.000	G	1MA	60	100	.600
2SA422	PG 120 J		SAN	20		.4	.005	.050	A	85	J	31.900	G	30μA	20	25	.002
2SA431			SEE 2SC387														
2SA431-G			SEE 2SA387-G														
2SA431A			SEE 2SC398														
2SA431A-G			SEE 2SC397														
2SA432	PG 217	17	TOS	20		.2	.005	.070	A	85	J	800.000	G	10μA	20	54	.001
2SA432A			SEE 2SC398														
2SA433	PG 128	44	TOS	18		.5	.005	.055	A	75	J	34.000	G	10μA	12	56	.001
2SA435	PG 280 A		HIT	20		.5	.010	.060	A	85	J	250.000	G	30μA	20	115	.003
2SA436	PG 280 A		HIT	20		.5	.010	.060	A	85	J	200.000	G	30μA	20	80	.003
2SA437	PG 280 A		HIT	20		.5	.010	.060	A	85	J	200.000	G	30μA	20	80	.003
2SA438	PG 280 A		HIT	20		.5	.010	.060	A	85	J	270.000	G	30μA	20	80	.003
2SA440	PG 79 A		SAN	20		.4	.005	.060	A	85	J	31.900	G	20μA	20	80	.002
2SA446	PG 211	5	TOS	15		2.0	.200	.200	A	75	J	350.000	G	10μA	12	90	.100
2SA448	NG 217	17	SON	15		.5	.005	.040	A	75	J	1600.000	G	10μA	10		
2SA450	PG 210 A		HIT	12	6	1.5	.100	.150	A	100	J	300.000	G	3μA	6	48	.050
2SA451	PG 210 A		HIT	12	6	1.5	.100	.150	A	100	J	300.000	G	3μA	6	98	.050
2SA452	PG 210 A		HIT	12	6	1.5	.100	.150	A	100	J	300.000	G	3μA	6	208	.050

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
2SA465	PG 217 E		MAT	20		.3	.005	.050	A	75	J	600.000	G	13μA	10	
2SA468	PG 120	1	TOS	18		.5	.010	.055	A	85	J	45.000	G	8μA	12	130 .001
2SA469	PG 120	1	TOS	18		.5	.010	.055	A	85	J	30.000	G	8μA	12	110 .001
2SA470	PG 120	1	TOS	18		.5	.010	.055	A	85	J	35.000	G	8μA	12	130 .001
2SA471-1	PG 120	1	TOS	18		.5	.010	.055	A	85	J	35.000	G	10μA	18	36 .001
2SA471-2	PG 120	1	TOS	18		.5	.010	.055	A	85	J	35.000	G	10μA	18	74 .001
2SA472	PG 120	1	TOS	18		.5	10.000	.055	A	85	J	30.000	G	10μA	18	185 .001
2SA472-1	PG 120	1	TOS	18		.5	.010	.085	A	85	J	20.000	G	10μA	18	36 .001
2SA472-2	PG 120	1	TOS	18		.5	.010	.085	A	85	J	20.000	G	10μA	18	76 .001
2SA472-3	PG 120	1	TOS	18		.5	.010	.085	A	85	J	20.000	G	10μA	18	190 .001
2SA472-4	PG 120	1	TOS	18		.5	.010	.085	A	85	J	10.000	G	10μA	18	36 .001
2SA472-5	PG 120	1	TOS	18		.5	.010	.085	A	85	J	10.000	G	10μA	18	76 .001
2SA472-6	PG 120	1	TOS	18		.5	.010	.085	A	85	J	10.000	G	10μA	18	190 .001
2SA474	PG 120	1	TOS	50		.5	.050	.120	A	85	J	60.000	B	8μA	12	110 .001
2SA474-G	PG 120	1	TOS	50		.5	.050	.120	A	85	J	60.000	B	8μA	12	110 .001
2SA478	PG 120	1	TOS	40	40S	2.0	.200	.125	A	85	J	40.000	B	8μA	12	68 .400
2SA478-G	PG 120	1	TOS	40	40S	2.0	.200	.125	A	85	J	40.000	B	8μA	12	68 .400
2SA479	PG 120	1	TOS	40	40S	2.0	.200	.125	A	85	J	40.000	B	8μA	12	68 .400
2SA479-G	PG 120	1	TOS	40	40S	2.0	.200	.125	A	85	J	40.000	B	8μA	12	68 .400
2SA485-BLU	PS 211	39	TOS		80	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	175 .200
2SA485-RED	PS 211	39	TOS		80	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	51 .200
2SA485-YEL	PS 211	39	TOS		80	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	85 .200
2SA486-BLU	PS 211	39	TOS		50	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	175 .200
2SA486-RED	PS 211	39	TOS		50	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	51 .200
2SA486-YEL	PS 211	39	TOS		50	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	85 .200
2SA495-ORG	PS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	100.000	G	1μA	15	105 .010
2SA495-ORG-G	PS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	100.000	G	1μA	15	105 .010
2SA495-RED	PS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	100.000	G	1μA	15	60 .010
2SA495-RED-G	PS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	100.000	G	1μA	15	60 .010
2SA495-YEL	PS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	100.000	G	1μA	15	180 .010
2SA495-YEL-G	PS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	100.000	G	1μA	15	180 .010
2SA496-ORG	PS 48 A		TOS	30		5.0	.800	.550	A	125	J	50.000	G	1μA	30	105 .050
2SA496-RED	PS 48 A		TOS	30		5.0	.800	.550	A	125	J	50.000	G	1μA	30	60 .050
2SA496-YEL	PS 48 A		TOS	30		5.0	.800	.550	A	125	J	50.000	G	1μA	30	180 .050
2SA497-ORG	PS 211	39	TOS	80		5.0	.800	.600	A	150	J	30.000	G	1μA	30	105 .200
2SA497-RED	PS 211	39	TOS	80		5.0	.800	.600	A	150	J	30.000	G	1μA	30	60 .200
2SA497-YEL	PS 211	39	TOS	80		5.0	.800	.600	A	150	J	30.000	G	1μA	30	180 .200
2SA498-ORG	PS 211	39	TOS	50		5.0	.800	.600	A	150	J	30.000	G	1μA	30	105 .200
2SA498-RED	PS 211	39	TOS	50		5.0	.800	.600	A	150	J	30.000	G	1μA	30	60 .200
2SA498-YEL	PS 211	39	TOS	50		5.0	.800	.600	A	150	J	30.000	G	1μA	30	180 .200
2SA499-ORG	PS 211	18	TOS	50	40	5.0	.100	.250	A	175	J	100.000	G	500NA	15	90 .010
2SA499-RED	PS 211	18	TOS	50	40	5.0	.100	.250	A	175	J	100.000	G	500NA	15	47 .010
2SA499-YEL	PS 211	18	TOS	50	40	5.0	.100	.250	A	175	J	100.000	G	500NA	15	150 .010
2SA500-ORG	PS 211	18	TOS	30	20	5.0	.100	.250	A	175	J	100.000	G	500NA	15	90 .010
2SA500-RED	PS 211	18	TOS	30	20	5.0	.100	.250	A	175	J	100.000	G	500NA	15	47 .010
2SA500-YEL	PS 211	18	TOS	30	20	5.0	.100	.250	A	175	J	100.000	G	500NA	15	150 .010
2SA503-GRN	PS 211	39	TOS	60	50	5.0	.600	.800	A	175	J	50.000	G	500NA	30	175 .150
2SA503-ORG	PS 211	39	TOS	60	50	5.0	.600	.800	A	175	J	50.000	G	500NA	30	52 .150
2SA503-YEL	PS 211	39	TOS	60	50	5.0	.600	.800	A	175	J	50.000	G	500NA	30	188 .150
2SA504-GRN	PS 211	39	TOS	40	30	5.0	.600	.800	A	175	J	50.000	G	500NA	30	175 .150
2SA504-ORG	PS 211	39	TOS	40	30	5.0	.600	.800	A	175	J	50.000	G	500NA	30	52 .150
2SA504-YEL	PS 211	39	TOS	40	30	5.0	.600	.800	A	175	J	50.000	G	500NA	30	188 .150
2SA505-ORG	PS 48 A		TOS	50		5.0	.800	.550	A	125	J	50.000	G	1μA	30	105 .050
2SA505-RED	PS 48 A		TOS	50		5.0	.800	.550	A	125	J	50.000	G	1μA	30	60 .050
2SA505-YEL	PS 48 A		TOS	50		5.0	.800	.550	A	125	J	50.000	G	1μA	30	180 .050
2SA510-ORG	PS 211	39	TOS	120	100	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98 .200
2SA510-RED	PS 211	39	TOS	120	100	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52 .200
2SA511-ORG	PS 211	39	TOS	100	80	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98 .200
2SA511-RED	PS 211	39	TOS	100	80	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52 .200
2SA512-ORG	PS 211	39	TOS	80	60	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98 .200
2SA512-RED	PS 211	39	TOS	80	60	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52 .200
2SA513-ORG	PS 211	39	TOS	60	40	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98 .200
2SA513-RED	PS 211	39	TOS	60	40	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52 .200
2SA518	PG 120	1	TOS	18		.5	.010	.055	A	85	J	35.000	B	10μA	18	110 .001
2SA518-G	PG 120	1	TOS	18		.5	.010	.055	A	85	J	35.000	B	10μA	18	110 .001
2SA530	PS 210 A		HIT	50	35	.5	.100	.200	A	175	J	200.000	G	1μA	20	65 .010
2SA532	PS 211	39	SAN	75	75R	5.0	5.000	.300	C	175	J	40.000	G	50μA	75	60 .010
2SA535	PS 211	39	SAN	120	120R	5.0	.700	.300	C	175	J	40.000	G	100μA	120	60 .010
2SA536	PS 211	39	SAN	75	75R	5.0	.700	.500	C	175	J	40.000	G	100μA	75	60 .010
2SA537	PS 211	5	HIT	60	50	4.0	.700	.750	A	200	J	200.000	G	10μA	30	80 .050
2SA537A	PS 211	5	HIT	90	80	4.0	.700	.750	A	200	J	200.000	G	10μA	30	80 .050
2SA538	PG 120	1	TOS	25	18S	12.0	.050	.120	A	75	J	8.000	B	50μA	25	60 .001
2SA538-G	PG 120	1	TOS	25	18S	12.0	.050	.120	A	75	J	8.000	B	50μA	25	60 .001
2SA539	PS 42	92	NEC	60	45	5.0	.200	.250	A	125	J			100NA	45	70 .150
2SA542	PS 911 C		NEC	30	25R	5.0	.050	.150	A	150	J	30.000	G	50NA	25	100 .001
2SA543	PS 911 C		NEC	30	25R	5.0	.050	.150	A	150	J	30.000	G	50NA	25	100 .001
2SA544	PS 210	39	NEC	60	45	5.0	.200	.750	A	175	J	160.000	G	200NA	45	100 .010
2SA545	PS 42 A		NEC	60	55	5.0	.200	.400	A	125	J			200NA	45	70 .150
2SA546	PS 211	39	MAT	70	60	5.0	1.000	1.200	A	175	J	80.000	G	3μA	30	80 .100
2SA546A	PS 211	39	MAT	90	80	5.0	1.000	1.200	A	175	J	80.000	G	3μA	30	80 .100
2SA547	PS 631 B		MAT	70	60	5.0	1.000	10.000	C	175	J	80.000	G	3μA	30	80 .100
2SA547A	PS 631 B		MAT	90	80	5.0	1.000	10.000	C	175	J	80.000	G	3μA	30	80 .100
2SA550	PS 211	18	MAT	25	25	5.0	.100	.300	A	175	J	GEN		1μA	10	250 .002
2SA550A	PS 211	18	MAT	45	45	5.0	.100	.300	A	175	J	GEN		1μA	10	250 .002
2SA552	PS 210	39	NEC	60	45	5.0	.200	.750	A	175	J	160.000	G	100NA	45	100 .010
2SA561-GRN	PS 45 C		TOS		50	5.0	.150	.300	A	125	J	70.000	G	100NA	18	300 .020
2SA561-ORG	PS 45 C		TOS		50	5.0	.150	.300	A	125	J	70.000	G	100NA	18	105 .020
2SA561-RED	PS 45 C		TOS		50	5.0	.150	.300	A	125	J	70.000	G	100NA	18	60 .020
2SA561-YEL	PS 45 C		TOS		50	5.0	.150	.300	A	125	J	70.000	G	100NA	18	180 .020
2SA562-GRN	PS 45 C		TOS		30	5.0	.400	.300	A	125	J	70.000	G	100NA	18	300 .100
2SA562-ORG	PS 45 C		TOS		30	5.0	.400	.300	A	125	J	70.000	G	100NA	18	105 .100
2SA562-RED	PS 45 C		TOS		30	5.0	.400	.300	A	125	J	70.000	G	100NA	18	60 .100
2SA562-YEL	PS 45 C		TOS		30	5.0	.400	.300	A	125	J	70.000	G	100NA	18	180 .100
2SA564	PS 41	92	MAT	25	25	5.0	.100	.250	A	125	J	GEN		1μA	10	382 .002
2SA564A	PS 41	92	MAT	45	45	5.0	.100	.250	A	125	J	GEN		1μA	10	382 .002
2SA571	NS 210	39	NEC	60	45	5.0	1.000	5.000	C	175	J	200.000	G	100NA	45	80 .050
2SA594	PS 210	39	NEC	60	30	5.0	.200	.750	A	175	J	100.000	G	100NA	30	85 .010
2SA603	PS 210	18	NEC	60	40	8.0	.200	.300	A	150	J	150.000	G	500NA	40	150 .100
2SA604	NS 210	18	NEC	120	120X	5.0	.030	.300	A	150	J			1μA	100	100 .001
2SA605	NS 210	18	NEC	180	160	5.0	.050	.300	A	150	J			100NA	100	60 .015
2SA606	PS 210	39	NEC	100	80	5.0	.700	.700	A	150	J	80.000	G	3μA	80	100 .200
2SA607	PS 631	37	NEC	100	80	5.0	.700	1.000	A	150	J	80.000	G	3μA	80	100 .200
2SA613	PS 605	66	NEC	60	40R	7.0	1.000	15.000	A	150	J			1μA	40	80 .500
2SA614	PS 605	66	NEC	80	60R	7.0	1.000	15.000	A	150	J			1μA	60	80 .500
2SA637	PS 211	18	MAT	150	150R	5.0	.050	.300	A	175	J	40.000	G	1μA	100	30 .015

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SA666	PS 41	92	MAT	25	25	5.0	.100	.150	A	125	J	LN		1μA	10	250	.002
2SA666A	PS 41	92	MAT	45	45	5.0	.100	.150	A	125	J	LN		1μA	10	250	.002
2SA683	PS 41	92	MAT	30	25	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SA684	PS 41	92	MAT	60	50	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SA685	PS 41	92	MAT	150	150	5.0	.050	.300	A	125	J	40.000	G	1μA	100	30	.015
2SA699	PS 59	202	MAT	40	20	5.0	3.000	10.000	C	150	J	150.000	G	1μA	20	120	1.000
2SA699A	PS 59	202	MAT	50	40	5.0	3.000	10.000	C	150	J	150.000	G	1μA	20	120	1.000
2SA719	PS 41	92	MAT	30	20	5.0	1.000	.400	A	125	J	200.000	G	100NA	20	160	.150
2SA720	PS 41	92	MAT	60	50	5.0	1.000	.400	A	125	J	200.000	G	100NA	20	160	.150
2SA721	PS 41	92	MAT	35	35	5.0	.100	.150	A	125	J	LN		100NA	10	450	
2SA722	PS 41	92	MAT	55	55	5.0	.100	.150	A	125	J	LN		100NA	10	450	
2SA730	PS 45 B		MAT	30	25	5.0	1.000	.600	A	125	J	200.000	G	100NA	20	160	.150
2SA731	PS 45 B		MAT	60	50	5.0	1.000	.600	A	125	J	200.000	G	100NA	20	160	.150
2SA748	PS 47	220	MAT	70	50	5.0	3.000	15.000	C	150	J	150.000	G	1μA	40	30	.100
2SA749	PS 41	92	MAT	100	100	5.0	.050	.250	A	125	J	40.000	G	100NA	50	80	.020
2SA751	PS 45 B		MAT	30	25	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SA752	PS 45 B		MAT	60	50	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SA766	PS 605 C		MAT	150	150R	5.0	1.200	20.000	H	150	J	20.000	G	30μA	60	90	.100
2SA777	PS 41	92	MAT	80	80	5.0	1.000	.750	A	135	J	120.000	G	100NA	20	160	.150
2SB22	PG 120 K		SAN	25		12.0	.200	.300	A	85	J	1.000	B	15μA	20	150	.100
2SB25			SEE 2SB425														
2SB25-G			SEE 2SB425-G														
2SB25-N	PG 605	3	MAT	60		12.0	.001	.025	A	85	J	2.000	B	160μA	12	50	.001
2SB26			SEE 2SB426														
2SB26-G			SEE 2SB426-G														
2SB27	PG 605	3	SON	15	15R		.500	5.000	C	75	J	.005	E	800μA	15	30	
2SB28	PG 605	3	SON	15	15R		.500	5.000	C	75	J	.005	E	800μA	15	70	
2SB29	PG 605	3	SON	15	15R		.500	5.000	C	75	J	.005	E	800μA	15	120	
2SB30	PG 605	3	SON	15	15R		.500	5.000	C	75	J	.005	E	800μA	15	70	
2SB31	PG 605	3	SON	15	15R		.500	5.000	C	75	J	.005	E	800μA	15	120	
2SB40	PG 120	1	TOS	40		12.0	.100	.080	A	75	J	.700	B	10μA	12	94	.100
2SB43	PG 120	1	TOS	25		12.0	.050	.150	A	75	J	1.000	B	10μA	12	68	.050
2SB43A	PG 120	1	TOS	45		12.0	.150	.150	A	75	J	1.000	B	10μA	12	68	.050
2SB44	PG 120	1	TOS	30		12.0	.050	.080	A	75	J	.500	B	10μA	12	156	.001
2SB47			SEE 2SB369-G														
2SB49	PG 210	5	SON	16	16R		.100	.140	A	65	J	1.300	B	16μA	16	80	
2SB50	PG 210	5	SON	16	16R		.100	.140	A	65	J	1.600	B	16μA	16	130	
2SB51	PG 210	5	SON	30	20R		.200	.200	A	85	J	1.000	B	16μA	30	40	
2SB52	PG 210	5	SON	30	20R		.200	.200	A	85	J	1.300	B	16μA	30	80	
2SB53	PG 210	5	SON	30	25	15.0	.250	.200	A	85	J	1.300	B	10μA	30	70	
2SB54	PG 120	1	TOS	30		12.0	.150	.080	A	75	J	1.000	B	14μA	30	74	.001
2SB55	PG 120	1	TOS	60		12.0	.150	.150	A	75	J	1.000	B	14μA	30	80	.050
2SB56	PG 120	1	TOS	30		12.0	.150	.150	A	75	J	1.000	B	14μA	30	80	.050
2SB56A	PG 120	1	TOS	45		12.0	.150	.150	A	75	J	1.000	B	14μA	12	80	.050
2SB62			SEE 2SB462														
2SB62-G			SEE 2SB462-G														
2SB63			SEE 2SB463														
2SB63-G			SEE 2SB463-G														
2SB64	PG 605	3	TOS	100		1.0	6.000	25.000	C	75	J	1.000	B	330μA	12	78	1.000
2SB66	PG 120	1	HIT	30		12.0	.070	.150	A	85	J	.500	B	14μA	30	70	
2SB67	PG 55 B		HIT	55	32	12.0	.150	.185	A	70	J	1.000	B	10μA	30	45	
2SB67A	PG 55 B		HIT	60		30.0	.150	.185	A	70	J	1.000	B	10μA	30	45	
2SB68	PG 170 B		HIT	105	105	5.0	.100	.050	A	85	J	.350	B	14μA	25	50	
2SB69	PG 605	3	TOS	60		1.0	6.000	25.000	C	75	J	1.000	B	330μA	12	78	1.000
2SB73	PG 120	1	MAT	18		12.0	.040	.065	A	85	J	1.000	B	7μA	12	80	.001
2SB75	PG 120	1	HIT	25		12.0	.100	.150	A	85	J	2.000	B	14μA	30	55	.001
2SB75A	PG 120	1	HIT	45		12.0	.100	.150	A	85	J	2.000	B	25μA	45	55	.001
2SB76	PG 120	1	HIT	12		2.5	.100	.150	A	85	J	2.000	B	14μA	30	70	
2SB77	PG 120	1	MAT,HIT	25		12.0	.100	.150	A	85	J	1.000	B	14μA	25	85	.050
2SB77A	PG 120	1	MAT,HIT	45		12.0	.100	.150	A	85	J	1.000	B	25μA	45	85	.050
2SB78	PG 120	1	HIT	12		2.5	.070	.150	A	60	A	AUD		14μA	30	100	
2SB80	PG 605 C		HIT	25		10.0	1.000	4.000	C	60	A	AUD		400μA	25	70	
2SB81	PG 605 C		HIT	80	60	12.0	.500	2.000	C	70	J			50μA	50	70	
2SB82	PG 605 C		HIT	100	60	12.0	.500	2.000	C	70	J			35μA	50	70	
2SB83	PG 605	3	HIT	40	32S	10.0	3.000	12.000	C	80	J	AUD		5MA	40	70	
2SB84	PG 605	3	MAT	60		10.0	3.000	40.000	C	85	J	AUD		500μA	30	55	3.000
2SB89	PG 55 B		HIT	25	25S	12.0	.150	.250	A	85	J	AUD		16μA	25	70	.150
2SB89A	PG 55 B		HIT	45	45S	12.0	.150	.250	A	85	J	AUD		50μA	45	70	.150
2SB94	PG 120	1	TOS	25		12.0	.050	.150	A	75	J	1.000	B	14μA	25	76	.050
2SB122			SEE 2SB424														
2SB122-G			SEE 2SB424-G														
2SB124			SEE 2SB236														
2SB125			SEE 2SB237														
2SB126	PG 605	3	MAT	32		10.0	3.500	30.000	C	90	J	AUD		220μA	14	26	3.000
2SB126A	PG 605	3	MAT	60		10.0	3.500	30.000	C	90	J	HP		220μA	14	25	3.000
2SB127	PG 605	3	MAT	32		10.0	3.500	30.000	C	90	J	AUD HP		220μA	14	56	3.000
2SB127A	PG 605	3	MAT	60		10.0	3.500	30.000	C	90	J	HP		220μA	14	55	3.000
2SB128	PG 605	3	MAT	80		40.0	6.000	30.000	C	90	J	AUD HP		220μA	14	28	6.000
2SB128A	PG 605	3	MAT	120		60.0	6.000	30.000	C	90	J	AUD HP		220μA	14	28	6.000
2SB129	PG 605	3	MAT	80		40.0	6.000	30.000	C	90	J	AUD HP		220μA	14	50	6.000
2SB130	PG 605 A		MAT	32		10.0	1.500	6.500	C	75	J	AUD		100μA	14	50	.040
2SB140	PG 605	3	SON	40	20	12.0	1.500	12.000	C	85	J	.005	E	600μA	40	74	
2SB141	PG 605	3	SON	60	40	12.0	1.500	12.000	C	85	J	.007	E	600μA	60	74	
2SB142	PG 605	3	SON	30	30R		1.000	10.000	C	85	J	.005	E	1MA	30	24	
2SB143	PG 605	3	SON	30	30R		1.000	10.000	C	85	J	.005	E	1MA	30	38	
2SB144	PG 605	3	SON	30	30R		1.000	10.000	C	85	J	.005	E	1MA	30	76	
2SB145	PG 605	3	SON	30	30R		1.000	10.000	C	85	J	.005	E	1MA	30	38	
2SB146	PG 605	3	SON	30	30R		1.000	10.000	C	85	J	.005	E	1MA	30	76	
2SB148			SEE 2SB235														
2SB149			SEE 2SB425														
2SB149-N	PG 605	3	MAT	40		30.0	8.000	25.000	C	75	J	.250	B	230μA	12	54	8.000
2SB150	PG 120	1	TOS	105		50.0	.040	.050	A	75	J	.500	B	50μA	105	36	.005
2SB155	PG 120	1	HIT	16		2.5	.300	.150	A	85	J	.700	B	14μA	12	28	.001
2SB156	PG 120	1	HIT	16	16S	2.5	.300	.150	C	85	J	AUD		14μA	12	70	.150
2SB156A	PG 120	1	HIT	20	20S	6.0	.300	.150	C	85	J	AUD		14μA	20	70	.150
2SB157	PG 105 B		MAT	7		7.0	.005	.010	A	55	J	VIDAMP		100μA	1	35	
2SB158	PG 105 B		MAT	7		7.0	.005	.010	A	55	J	VIDAMP		100μA	1	55	
2SB159	PG 105 B		MAT	7		7.0	.005	.010	A	55	J	VIDAMP		100μA	1	80	
2SB160	PG 105 B		MAT	7		7.0	.005	.010	A	55	J	VIDAMP		120μA	2	75	
2SB170	PG 120	1	MAT	30			.100	.125	C	85	J	VIDAMP		12μA	10	30	
2SB171	PG 120	1	MAT	30			.100	.125	C	85	J	VIDAMP		12μA	10	60	
2SB172	PG 120	1	MAT	32		10.0	.300	.125	C	85	J	VIDAMP		12μA	10	50	.002
2SB173	PG 120	1	MAT	30			.100	.125	C	85	J	VIDAMP		12μA	10	100	
2SB175	PG 120	1	MAT	30			.100	.125	C	85	J	VIDAMP		12μA	10	100	
2SB176	PG 120	1	MAT	32		10.0	.300	.125	C	85	J	VIDAMP		12μA	10	90	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SB177	PG 120	1	MAT	60		10.0	.300	.125 C		85 J	VID AMP		12μA	10	90	.002
2SB178	PG 120 G		MAT	20		6.0	.500	.550 C		75 J	VID AMP		20μA	12	96	.300
2SB178A	PG 120 G		MAT	40		6.0	.500	.550 C		75 J	VID AMP		20μA	12	96	.300
2SB178B	PG 120 G		MAT	60		6.0	.300	.225 C		75 J	VID AMP		20μA	12	66	.300
2SB185	PG 120 J		SAN	25		12.0	.150	.200 A		85 J	10.000	B	15μA	20	45	
2SB186	PG 120 J		SAN	25		12.0	.150	.200 A		85 J	10.000	B	15μA	20	100	
2SB187	PG 120 J		SAN	25		12.0	.150	.200 A		85 J	1.000	B	15μA	20	100	.030
2SB188	PG 120 J		SAN	25		12.0	.150	.200 A		85 J	10.000	B	15μA	20	100	
2SB189	PG 120 F		TOS	25		12.0	.250	.250 A		75 J	1.000	B	14μA	25	80	.100
2SB200	PG 170 K		TOS	32		12.0	.400	.250 A		75 J	.500	B	40μA	12	68	.150
2SB200A	PG 170 K		TOS	45		12.0	.400	.250 A		75 J	.800	B	40μA	12	68	.150
2SB201	PG 211	5	TOS	35		12.0	.400	.300 A		75 J	.500	B	30μA	12	112	.150
2SB202	PG 170 K		TOS	32		12.0	.400	.250 A		75 J	.500	B	40μA	12	142	.150
2SB203	PG 607 A		SEJ	40	30S	40.0	20.000	80.000 C		85 J			5MA	40	40	
2SB204	PG 607 A		SEJ	40	30S	40.0	30.000	80.000 C		85 J			5MA	40	100	
2SB205	PG 607 A		SEJ	80	60ΔS		20.000	80.000 C		85 J			5MA	80	400	
2SB206	PG 607 A		SEJ	80	60ΔS		30.000	80.000 C		85 J			5MA	80	100	
2SB207	PG 607 A		SEJ	100	75S	40.0	20.000	80.000 C		85 J			5MA	100	40	
2SB208	PG 607 A		SEJ	100	75S	40.0	30.000	80.000 C		85 J			5MA	100	100	
2SB209	PG 607 A		SEJ	40	30S	40.0	20.000	80.000 C		85 J	.002	E	5MA	40	40	
2SB210	PG 607 A		SEJ	40	30S	40.0	30.000	80.000 C		85 J	.002	E	5MA	40	100	
2SB211	PG 607 A		SEJ	80	60S	40.0	20.000	80.000 C		85 J	.002	E	5MA	80	40	
2SB212	PG 607 A		SEJ	80	60S	40.0	30.000	80.000 C		85 J	.002	E	5MA	80	100	
2SB213	PG 607 A		SEJ	100	75S	40.0	20.000	80.000 C		85 J	.002	E	5MA	100	40	
2SB228	PG 605	3	HIT	80	35	50.0	5.000	12.000 C		91 J			250μA	30	35	
2SB229	PG 605	3	HIT	100	40	50.0	5.000	12.000 C		91 J			250μA	30	35	
2SB230	PG 605	3	HIT	120	50	50.0	5.000	12.000 C		91 J			250μA	30	35	
2SB231	SEE 2SC793															
2SB231-G	SEE 2SC520A															
2SB235	PG 405 A		TOS	80		25.0	15.000	60.000 C		85 J	.300	B	1MA	12	90	15.000
2SB236	PG 405 A		TOS	60		25.0	15.000	60.000 C		85 J	.300	B	1MA	12	90	15.000
2SB237	PG 405 A		TOS	36		25.0	15.000	60.000 C		85 J	.300	B	1MA	12	90	15.000
2SB257	PG 120	1	TOS	18		12.0	.040	.060 A		75 J	5.000	B	3μA	12	100	.001
2SB258	PG 405 A		TOS	120		1.0	15.000	60.000 C		75 J	1.500	B	4MA	12	108	5.000
2SB259	PG 405 A		TOS	80		1.0	15.000	60.000 C		75 J	1.500	B	4MA	12	108	5.000
2SB260	PG 405 A		TOS	50		1.0	15.000	60.000 C		75 J	1.500	B	4MA	12	108	5.000
2SB265	PG 210	5	TOS	40		12.0	.100	.170 A		75 J	1.300	B	10μA	12	94	.100
2SB274	PG 605	3	HIT	120	80	1.5	6.000	50.000 C		91 J	1.000	B	1MA	30	70	
2SB275	PG 605	3	HIT	120	105	1.5	6.000	50.000 C		91 J	1.000	B	1MA	30	70	
2SB276	PG 605	3	HIT	120	105	1.5	10.000	50.000 C		91 J	1.000	B	1MA	30	40	
2SB282	PG 605	3	MAT	80		40.0	6.000	30.000 C		90 J	.250	G	100μA	1	30	6.000
2SB283	PG 605	3	MAT	60		20.0	6.000	30.000 C		90 J	.250	G	100μA	1	70	6.000
2SB284	PG 605	3	MAT	60		20.0	6.000	30.000 C		90 J	.250	G	100μA	1	40	6.000
2SB285	PG 605	3	MAT	80		40.0	6.000	30.000 C		90 J	.250	G	100μA	1	40	6.000
2SB290	PG 210	5	TOS	18		12.0	.040	.065 A		75 J	5.000	B	4μA	12	100	.001
2SB291	PG 210	5	TOS	30		12.0	.150	.150 A		75 J	1.000	B	10μA	12	78	.001
2SB292	PG 210	5	TOS	30		12.0	.150	.150 A		75 J	1.000	B	10μA	12	72	.050
2SB292A	PG 210	5	TOS	60		12.0	.150	.150 A		75 J	1.000	B	10μA	12	72	.050
2SB296	PG 605	3	TOS	130		3.0	10.000	35.000 C		75 J	.300	B	1MA	50	64	1.000
2SB300	SEE 2SC793															
2SB300-G	SEE 2SC520A															
2SB301-G	SEE 2SC521A															
2SB302	PG 120	1	HIT	10		5.0	.002	.020 A		60 A	.007	B	6μA	12	80	
2SB303	PG 120 J		SAN	25		12.0	.020	.100 A		85 J	1.000	B	15μA	20	100	
2SB306	PG 210	5	TOS	105		50.0	.020	.075 A		75 J	.900	B	10μA	105	56	.002
2SB309	PG 605	3	MAT	75		1.0	8.000	30.000 C		90 J	.017	E	220μA	1	62	1.000
2SB309A	PG 605	3	MAT		60R	1.0	8.000	30.000 C		90 J	.017	E	150μA	1	62	1.000
2SB324	PG 120	1	MAT	32		10.0	1.000	.650 C		90 J	.010	E	10μA	10	172	.050
2SB331	PG 405	36	HIT	40	25	20.0	15.000	80.000 C		100 J	.350	B	4MA	40	70	
2SB332	PG 405	36	HIT	60	45	40.0	15.000	80.000 C		100 J	.350	B	4MA	60	70	
2SB333	PG 405	36	HIT	80	55	40.0	15.000	80.000 C		100 J	.350	B	4MA	80	60	
2SB334	PG 405	36	HIT	100	65	60.0	15.000	80.000 C		100 J	.350	B	4MA	100	30	
2SB335	PG 105 E		MAT	20		10.0	.060	.083 A		75 J	AUD		10μA	10	60	
2SB336	PG 105 E		MAT	20		10.0	.060	.083 C		75 J	AUD		10μA	10	72	
2SB337	PG 605	3	HIT	40	30R	10.0	7.000	12.000 C		100 J	AUD	B	1MA	30	90	1.000
2SB338	PG 605	3	HIT	60		10.0	7.000	12.000 C		91 J	AUD		1MA	30	75	
2SB339	PG 605	3	HIT	80	35	50.0	10.000	12.000 C		90 J	.250	B	250μA	30	110	
2SB340	PG 605	3	HIT	100	40	50.0	10.000	12.000 C		90 J	.250	B	250μA	30	50	
2SB341	PG 605	3	HIT	120	50	50.0	10.000	12.000 C		90 J	.250	B	250μA	30	50	
2SB342	PG 605	3	SAN	120	120R	1.0	6.000	30.000 C		85 J	1.500	B			50	5.000
2SB343	PG 605	3	SAN	150	150R	1.0	6.000	30.000 C		85 J	1.500	B			50	5.000
2SB345	PG 120	1	MAT	32		10.0	.100	.500 A		85 J	.010	E	10μA	10	90	
2SB346	PG 120	1	MAT	32		10.0	.100	.500 A		85 J	.010	E	10μA	10	120	
2SB347	PG 120	1	MAT	32		10.0	.100	.500 A		85 J	.010	E	10μA	10	90	
2SB348	PG 120	1	MAT	32		10.0	.100	.500 A		85 J	.010	E	10μA	10	120	
2SB361	PG 605	3	HIT	80	40	1.0	5.000	12.000 C		90 J	5.000	B	500μA	40	110	1.000
2SB362	PG 605	3	HIT	100	40	1.0	7.000	12.000 C		90 J	5.000	B	500μA	40	75	1.000
2SB364	PG 120	1	TOS	20		12.0	.400	.150 A		75 J	1.000	B	14μA	20	98	.100
2SB365	PG 120	1	TOS	20		12.0	.400	.150 A		75 J	1.000	B	14μA	20	58	.100
2SB367	PG 605 B		HIT	25	20	12.0	1.000	4.000 C		85 J	.500	B	100μA	12	85	.500
2SB368	PG 605 B		HIT	45	35	12.0	1.000	4.000 C		85 J	.500	B	100μA	12	85	.500
2SB370	PG 120	1	HIT	25	18	6.0	.500	.200 A		85 J	AUD		20μA	12	150	1.000
2SB370A	PG 120	1	HIT	32	25	12.0	.500	.200 A		85 J	AUD		20μA	12	150	1.000
2SB371	PG 120	1	MAT	32		10.0	.200	.500 C		75 J	.010	E	15μA	10	155	.050
2SB375	PG 605	3	SAN	150	150R	1.0	9.000	30.000 C		85 J	1.500	B			50	8.000
2SB376	PG 120 G		MAT	20		6.0	.300	.225 C		75 J	AUD		20μA	12	50	.300
2SB377	PG 212	5	SON	32	32R		.150	.270 A		85 J	1.400	B	10μA	32	120	.020
2SB378	PG 212	5	SON	18	16R		.150	.180 A		65 J	1.300	B	10μA	18	44	.020
2SB379	PG 212	5	SON	18	16R		.150	.180 A		85 J	1.500	B	10μA	18	90	.020
2SB380	PG 212	5	SON	18	16R		.150	.180 A		85 J	1.700	B	10μA	18	180	.020
2SB381	PG 212	5	SON	32	30R		.300	.270 A		85 J	1.300	B	10μA	32	44	.020
2SB382	PG 212	5	SON	32	30R		.300	.270 A		85 J	1.500	B	10μA	32	90	.020
2SB383	PG 212	5	SON	32	30R		.500	.270 A		85 J	1.500	B	10μA	32	90	.020
2SB390	PG 605	3	SAN	80	80R	1.0	6.000	30.000 C		85 J	1.500	B	5MA	80	50	5.000
2SB391	PG 605	3	SAN	50	50R	1.0	6.000	30.000 C		85 J	1.500	B	5MA	50	75	3.000
2SB392	PG 210	5	OKI	20	20S	13.0	.200	.150 A		85 J			7μA	12	100	
2SB393	PG 210	5	OKI	28	20S	13.0	.200	.150 A		85 J			7μA	12	44	
2SB394	PG 210	5	OKI	28	20S	13.0	.200	.150 A		85 J			7μA	12	90	
2SB395	PG 210	5	OKI	28	20S	13.0	.200	.150 A		85 J			7μA	12	160	
2SB396	PG 210	5	OKI	40	40S	13.0	.200	.150 A		85 J			7μA	12	68	
2SB400	PG 120 J		SAN	20		10.0	.040	.100 A		85 J	1.000	B	15μA	20	120	
2SB401	PG 212	5	MAT	40		10.0	.300	.240 C		85 J	.300	G	10μA	10	40	.600
2SB402	PG 212	5	MAT	60		10.0	.300	.240 C		85 J	.300	G	10μA	10	40	.600
2SB403	PG 212	5	MAT	40		20.0	.300	.240 C		85 J	.700	G	10μA	10	80	.600
2SB405	PG 120 J		SAN	25			1.000	.720 C		85 J	.750	B	50μA	20	120	.200

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SB407	PG 605	3	SAN	30	30R	10.0	7.000	30.000	C	85	J	.400	G	500μA	30	80	1.000
2SB410	PG 605	3	SAN	60	360	1.0	15.000	40.000	C	85	J	3.000	G	250μA	30	60	1.000
2SB411	PG 605	3	SAN	60	360	1.0	15.000	40.000	C	85	J	.250	G	250μA	30	60	1.000
2SB413			SEE 2SC490														
2SB413-G			SEE 2SC524														
2SB414			SEE 2SC490														
2SB414-G			SEE 2SC525														
2SB415	PG 120	1	TOS	32		6.0	1.000	.200	A	85	J	1.000	B	14μA	12	86	.300
2SB416	PG 210	5	OKI	25	25S	13.0	.120	.150	A	85	J			10μA	12	70	
2SB417	PG 210	5	OKI	45	45S	13.0	.120	.150	A	85	J			10μA	12	70	
2SB418	PG 210	5	OKI	70	70S	13.0	.120	.150	A	85	J			10μA	12	70	
2SB419	PG 605 B		HIT	45		1.5	1.500	6.000	C	100	J	AUD		250μA	12	100	.500
2SB421	PG 170 K		TOS	80		1.0	.600	.300	A	85	J	2.500	B	50μA	50	68	.150
2SB424	PG 605	3	TOS	80		40.0	3.000	30.000	C	85	J	.300	B	160μA	12	62	1.000
2SB425	PG 605	3	TOS	60		1.2	3.000	30.000	C	85	J	.300	B	160μA	12	64	1.000
2SB426	PG 605	3	TOS	32		1.2	3.000	30.000	C	85	J	.300	B	160μA	12	64	1.000
2SB434-ORG	PG 54 D		TOS	50		5.0	3.000	25.000	C	150	J	3.000	G	200μA	20	105	.500
2SB434-RED	PG 54 D		TOS	50		5.0	3.000	25.000	C	150	J	3.000	G	200μA	20	60	.500
2SB434-YEL	PG 54 D		TOS	50		5.0	3.000	25.000	C	150	J	3.000	G	200μA	20	180	.500
2SB435-ORG	PG 54 D		TOS	35		5.0	3.000	25.000	C	150	J	3.000	G	200μA	20	105	.500
2SB435-RED	PG 54 D		TOS	35		5.0	3.000	25.000	C	150	J	3.000	G	200μA	20	60	.500
2SB435-YEL	PG 54 D		TOS	35		5.0	3.000	25.000	C	150	J	3.000	G	200μA	20	180	.500
2SB439	PG 120	1	TOS	30		12.0	.150	.150	A	75	J	2.000	B	14μA	12	140	.001
2SB440	PG 120	1	TOS	30		12.0	.150	.150	A	75	J	2.000	B	14μA	12	140	.001
2SB443	PG 120	1	HIT	18		12.0	.010	.100	A	85	J	3.000	B	10μA	12	150	.001
2SB444	PG 120	1	HIT	18		12.0	.010	.100	A	85	J	3.000	B	7μA	12	160	.001
2SB448	PG 605 A		MAT	32		10.0	3.000	13.000	C	90	J	.015	E	1MA	32	50	1.000
2SB449	PG 605	3	MAT	50		20.0	3.500	22.500	C	100	J	.007	E	3MA	12	86	.003
2SB459	PG 120	1	HIT	30	18R	2.5	.050	.120	A	100	J	AUD		12μA	20	180	.001
2SB460	PG 120	1	HIT	40	25R	2.5	.050	.120	A	100	J	AUD		6μA	20	180	.001
2SB462-BLU	PG 605	66	TOS		60R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	150	.500
2SB462-BLU-G	PG 605	66	TOS		60R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	150	.500
2SB462-RED	PG 605	66	TOS		60R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	45	.500
2SB462-RED-G	PG 605	66	TOS		60R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	45	.500
2SB462-YEL	PG 605	66	TOS		60R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	75	.500
2SB462-YEL-G	PG 605	66	TOS		60R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	75	.500
2SB463-BLU	PG 605	66	TOS		32R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	150	.500
2SB463-BLU-G	PG 605	66	TOS		32R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	150	.500
2SB463-RED	PG 605	66	TOS		32R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	45	.500
2SB463-RED-G	PG 605	66	TOS		32R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	45	.500
2SB463-YEL	PG 605	66	TOS		32R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	75	.500
2SB463-YEL-G	PG 605	66	TOS		32R	12.0	2.000	6.000	C	85	J	.900	B	70μA	12	75	.500
2SB468	PG 605	3	HIT	200		1.5	10.000	10.000	C	85	J	HOROSC		500μA	30	72	4.000
2SB468A	PG 605	3	HIT	270		1.5	10.000	10.000	C	85	J	AUD		500μA	30	72	4.000
2SB471	PG 605	3	HIT	60	45R	10.0	10.000	12.000	C	100	J	.300	E	500μA	30	90	1.000
2SB472	PG 605	3	HIT	80	45R	10.0	10.000	12.000	C	100	J	.300	E	500μA	30	90	1.000
2SB473	PG 605	66	MAT	32		10.0	1.500	4.300	C	90	J	.010	E	15μA	10	80	.500
2SB474	PG 605 C		SAN	35	35R	6.0	2.000	12.000	C	85	J	AUD		200μA	25	100	.200
2SB475	PG 120	1	MAT	20		6.0	.500	.150	C	85	J	AUD		20μA	12	190	.150
2SB476	PG 211	39	MAT	20		10.0	2.000	6.000	C	85	J	300.000	G	500μA	20	75	2.000
2SB481	PG 605	66	MAT	32		10.0	3.000	6.000	C	90	J	.010	E	1MA	32	50	1.000
2SB482	PG 120	1	TOS	35		12.0	.050	.120	A	85	J	7.000	G	6μA	20	205	.001
2SB486	PG 120	1	TOS	25		12.0	.050	.120	A	85	J	7.000	G	6μA	20	205	.001
2SB492	PG 211	39	SAN	25	25R	6.0	2.000	6.000	C	85	J	AUD		50μA	20	100	.200
2SB493	PG 170	8	MAT	40		14.0	5.000	9.000	C	90	J	AO		1MA	40	40	3.000
2SB496	PG 120	1	HIT	25	18R	2.5	.250	.300	H	85	J	2.000	B	14μA	12	90	.050
2SB512	PS 47	220	MAT	60	60	5.0	3.000	25.000	C	150	J	.070	G	30μA	20	40	.100
2SB512A	PS 47	220	MAT	80	80	5.0	3.000	25.000	C	150	J	.070	G	30μA	20	40	.100
2SB513	PS 47	220	MAT	60	60	5.0	3.000	25.000	C	150	J	.070	G	30μA	20	40	.100
2SB513A	PS 47	220	MAT	80	80	5.0	3.000	25.000	C	150	J	.070	G	30μA	20	40	.100
2SB532	PS 605	3	MAT	80	80	5.0	7.000	60.000	H	150	J	10.000	G	1MA	50	105	1.000
2SC13	NG 210	5	TOS	18		12.0	.040	.065	A	75	J	3.500	B	9μA	12	40	.024
2SC14	NG 210	5	TOS	18		12.0	.040	.065	A	75	J	11.000	B	9μA	12	40	.024
2SC15-0	NS 211 C		SON	30	30R	5.0	.050	.750	A	175	J	120.000	B	1μA	30	120	
2SC15-1	NS 211 C		SON	60	55R	5.0	.050	.750	A	175	J	120.000	B	1μA	30	120	
2SC15-2	NS 211 C		SON	90	85R	5.0	.050	.750	A	175	J	120.000	B	1μA	30	120	
2SC15-3	NS 211 C		SON	120	115R	5.0	.050	.750	A	175	J	120.000	B	1μA	30	120	
2SC16			SEE 2SC400														
2SC16A			SEE 2SC400														
2SC17			SEE 2SC400														
2SC17A			SEE 2SC400														
2SC18			SEE 2SC105														
2SC19			SEE 2SC504														
2SC20			SEE 2SC504														
2SC21			SEE 2SC521A														
2SC22	NS 170	8	NEC	75	50	5.0	.600	13.000	A	175	J	240.000	G	2μA	50	50	.150
2SC23	NS 170	8	NEC	75	50	5.0	.500	2.000	C	175	J	110.000	G	5μA	50	50	.150
2SC24	NS 170	8	NEC	100	70	5.0	.500	2.000	C	175	J	110.000	G	5μA	70	50	.150
2SC30	NS 210	39	NEC	60	30	5.0	.080	.500	A	150	J	340.000	G	100NA	30	45	.010
2SC31	NS 210	39	NEC	60	25	5.0	.200	.750	A	175	J	100.000	G	100NA	30	35	.010
2SC32	NS 210	39	NEC	60	25	5.0	.200	.750	A	175	J	120.000	G	100NA	30	60	.010
2SC33	NS 217	17	NEC	45	20	3.0	.050	.150	A	150	J	320.000	G	100NA	20	55	.005
2SC34	NG 35 E		MAT	20		20.0	.250	.140	C	75	J	3.500	G	3μA	5	28	.200
2SC35	NG 35 E		MAT	20		20.0	.400	.140	C	75	J	4.500	G	3μA	5	130	.200
2SC36	NG 35 E		MAT	20		20.0	.400	.140	C	75	J	9.000	G	3μA	5	100	.200
2SC41	NS 605 G		SON	150			5.000	50.000	C	150	J	10.000	B	60MA	150	50	1.000
2SC42	NS 605 G		SON	150			5.000	50.000	C	150	J	8.000	B	60MA	150	80	1.000
2SC42A	NS 605 G		SON	200	75	6.0	5.000	50.000	C	150	J	8.000	G	30μA	50	40	1.000
2SC43	NS 605 G		SON	100		6.0	5.000	50.000	C	150	J	8.000	B	60MA	150	28	1.000
2SC44	NS 605 G		SON	50		6.0	5.000	50.000	C	150	J	8.000	B	60MA	150	28	1.000
2SC49	NS 210	5	NEC	120	70	6.0	.300	.800	A	175	J	80.000	G	500NA	60	60	.150
2SC58A	NS 211	5	MAT	135		5.0	.050	.750	A	175	J	80.000	G	2μA	12	40	
2SC59	NS 210	5	NEC	120	60	6.0	.300	.800	A	175	J	80.000	G	500NA	60	35	.150
2SC62	NS 210 A		HIT	40	15	5.0	.050	.360	A	200	J	300.000	G	25NA	15		
2SC64	NS 211	39	SAN	100		2.0	.050	.600	A	175	J	100.000	G	10μA	100	35	.005
2SC65	NS 211	39	SAN	150		2.0	.050	.600	A	175	J	100.000	G	10μA	150	30	.005
2SC66	NS 211	39	SAN	150		2.0	.050	.600	A	175	J	110.000	G	10μA	150	55	.005
2SC67	NS 210	18	NEC	40	40S	5.0	.200	.360	A	175	J	400.000	G	100NA	15	80	.010
2SC68	NS 210	18	NEC	40	15	5.0	.200	.360	A	175	J	300.000	G	100NA	15	100	.010
2SC69	NS 210	5	NEC	120	60	6.0	.300	.800	A	175	J	240.000	G	500NA	60	50	.150
2SC70	NS 210	5	TOS	180		5.0	.020	.800	A	150	J	50.000	G	1μA	30	46	.010
2SC71	NG 210	5	TOS	18		12.0	.200	.150	A	85	J	5.000	G	7μA	12	100	.100
2SC72	NG 210	5	TOS	18		12.0	.200	.150	A	85	J	7.000	G	7μA	12	100	.100
2SC73	NG 35 B		SON	15	15		.005	.030	A	75	J	6.500	B	8μA	15	50	
2SC74	NS 210	5	TOS	30		5.0	.100	.600	A	150	J	125.000	G	500NA	15	118	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
2SC75	NG 35 B		SON	15	15		.005	.030	A	75	J	4.000	B	8μA	15	40	
2SC76	NG 35 B		SON	15	15		.005	.030	A	75	J	4.000	B	7μA	15	40	
2SC77	NG 35 B		SON	15	15		.005	.030	A	75	J	4.000	B	7μA	15	40	
2SC78	NG 35 B		SON	15	15		.005	.030	A	75	J	15.000	B	4μA	25	50	
2SC80	NS 217	17	NEC	30	15	3.0	.080	.200	A	175	J	100.000	G	100NA	20	55	.005
2SC89	NG 210	5	HIT	25	15	20.0	.400	.120	A	85	J	3.000	B	25μA	25	40	.001
2SC90	NG 210	5	HIT	25	15	20.0	.400	.120	A	85	J	5.000	B	25μA	25	40	.001
2SC91	NG 210	5	HIT	25	15	20.0	.400	.120	A	85	J	10.000	B	25μA	25	40	.001
2SC92	NS 170	8	NEC	100	50	5.0	2.000	20.000	C	175	J	280.000	G	100μA	50	35	.350
2SC93	NS 170	8	NEC	75	45	5.0	2.000	2.000	A	175	J	80.000	G	100μA	50	35	.350
2SC94	NS 170	8	NEC	100	50	5.0	2.000	2.000	A	175	J	80.000	G	100μA	50	35	.350
2SC95			SEE 2SC510														
2SC97	NS 210	39	NEC	60	30	5.0	1.000	.800	A	175	J	90.000	G	1μA	40	60	.150
2SC98	NG 211	18	MAT	20	15	5.0	.100	.300	C	175	J	350.000	G	100NA	20	45	.010
2SC99	NG 211	18	MAT	20	15	5.0	.100	.300	C	175	J	200.000	G	10μA	20	80	.010
2SC101	NS 605 C		TOS	60		5.5	2.000	60.000	C	150	J	7.000	G	3MA	20	74	1.000
2SC101A	NS 605	66	TOS	70	50	5.0	5.000	35.000	C	150	J	20.000	G	1MA	50	105	1.000
2SC102	NS 405 A		TOS	50		5.0	7.000	100.000	C	150	J	8.000	G	30MA	50	30	5.000
2SC103			SEE 2SC400														
2SC103A			SEE 2SC400														
2SC104			SEE 2SC400														
2SC104A			SEE 2SC400														
2SC105	NS 210	18	TOS	30		5.0	.080	.250	A	175	J	120.000	G	5NA	15	80	.001
2SC106	NS 170	8	TOS	60		5.0	2.000	15.000	C	150	J	30.000	G	3MA	30	20	.500
2SC107	NS 170	8	TOS	60		5.0	1.500	15.000	C	150	J	30.000	G	3MA	30	20	.500
2SC108	NS 210	5	TOS	90		5.0	.600	.600	A	150	J	100.000	G	1μA	30	40	.150
2SC109	NS 210	5	TOS	50		5.0	.600	.600	A	150	J	70.000	G	1μA	30	40	.150
2SC112	NS 211	5	HIT	40	20	5.0	.200	.750	A	175	J	180.000	B	1μA	20	80	
2SC113	NS 211	5	HIT	50	25	5.0	.200	.750	A	175	J	180.000	B	1μA	20	80	
2SC115-1	NS 211 C		SON	30	25R	5.0	.050	.750	A	175	J	100.000	G	3μA	30	140	
2SC115-2	NS 211 C		SON	45	45R	5.0	.050	.750	A	175	J	100.000	G	3μA	30	140	
2SC115-3	NS 211 C		SON	70	70R	5.0	.050	.750	A	175	J	100.000	G	3μA	30	140	
2SC116	NS 211	5	HIT	75	25	5.0	.200	.750	A	175	J	70.000	G	1μA	20	80	.200
2SC117	NS 171	8	HIT	75	50	5.0	.600	2.000	A	175	J	60.000	G	5μA	40	10	
2SC118	NS 171	8	HIT	80		5.0	.600	2.000	A	175	J	70.000	G	5μA	40	10	
2SC119	NS 171	8	HIT	75		5.0	.600	2.000	A	175	J	70.000	G	5μA	40	10	
2SC120	NS 210	39	NEC	40	25	1.0	.025	.250	A	150	J	80.000	G	100NA	110	40	.001
2SC121	NS 210	39	NEC	40	25	1.0	.025	.250	A	175	J	80.000	G	1μA	30	40	.001
2SC122	NS 210	39	NEC	40	25	1.0	.025	.250	A	175	J	80.000	G	1μA	30	90	.001
2SC123	NS 210	39	NEC	40	25	1.0	.025	.250	A	175	J	80.000	G	1μA	30	140	.001
2SC124	NS 210	39	NEC	40	25	1.0	.025	.250	A	175	J	80.000	G	200NA	30	40	.001
2SC125	NS 211 C		SON	100	100R	5.0	.050	.750	A	175	J	100.000	G	3μA	30	80	
2SC126	NS 211 C		SON	140	140R	5.0	.050	.750	A	175	J	100.000	G	3μA	30	80	
2SC128	NG 212	5	MAT	30		20.0	.100	.125	C	75	J	4.000	G	3μA	5	30	.200
2SC129	NG 212	5	MAT	25		20.0	.100	.125	C	75	J	6.000	G	3μA	5	40	.200
2SC138	NS 217	33	NEC	60	30	5.0	.500	3.000	C	175	J	320.000	G	1μA	40	50	.030
2SC138A	NS 217	33	NEC	60	30	5.0	.500	.800	A	175	J	360.000	G	1μA	40	50	.030
2SC139	NS 217	33	NEC	60	30	5.0	.500	.800	A	175	J	250.000	G	150NA	30	50	.030
2SC141	NS 211	18	OKI	20	12	4.0	.200	.360	A	175	J	150.000	G	200NA	15	40	
2SC142	NS 211	18	OKI	30	14	5.0	.200	.360	A	175	J	200.000	G	100NA	15	40	
2SC143	NS 211	18	OKI	40	18	5.0	.200	.360	A	175	J	260.000	G	100NA	15	60	
2SC144	NS 211	18	OKI	50	25	5.0	.200	.360	A	175	J	260.000	G	100NA	15	60	
2SC144A	NS 211	18	OKI	60	30	5.0	.200	.360	A	175	J	260.000	G	100NA	15	60	
2SC147A	NS 211 C		SON	30	25R	5.0	1.000	.750	A	175	J	100.000	G	5μA	30	70	
2SC147B	NS 211 C		SON	60	40R	5.0	1.000	.750	A	175	J	100.000	G	5μA	30	70	
2SC150	NS 211	5	HIT	50		5.0	.100	.750	A	175	J	100.000	B	1μA	20	110	
2SC151	NS 211	5	HIT	40		5.0	.100	.750	A	175	J	130.000	B	1μA	20	50	
2SC152	NS 211	5	HIT	60		5.0	.100	.750	A	175	J	160.000	B	1μA	20	50	
2SC153	NS 211	5	HIT	120		40.0	.100	.750	A	175	J	350.000	B	1μA	120	40	
2SC154	NS 211	5	HIT	120	70	5.0	.100	.750	A	175	J	200.000	G			50	.010
2SC154A	NS 211	5	HIT	150		5.0	.100	.750	A	175	J	220.000	G			50	.010
2SC154B	NS 211	5	HIT	180		5.0	.100	.750	A	175	J	220.000	G			50	.010
2SC154C	NS 211	5	HIT	200		6.0	.100	.750	A	175	J	120.000	G	100NA	100	90	.025
2SC161			SEE 2SC521A														
2SC162	NS 211	5	OKI	30	14	5.0	.250	.600	A	175	J	130.000	G	100NA	15	60	
2SC163	NS 211	5	OKI	50	25	5.0	.250	.600	A	175	J	260.000	G	100NA	15	70	
2SC164	NS 211	5	OKI	60	30	5.0	.250	.600	A	175	J	260.000	G	100NA	15	70	
2SC165	NS 211	5	OKI	60	30	5.0	.300	.900	A	175	J	260.000	G	100NA	15	70	
2SC166	NS 210 A		HIT	30	30	5.0	.030	.200	A	175	J	20.000	B	100NA	12	100	
2SC167	NS 210 A		HIT	55	45	5.0	.030	.200	A	175	J	20.000	B	100NA	12	75	
2SC179	NG 120	1	HIT	25	15	20.0	.200	.120	A	85	J	3.000	B	8μA	12	60	
2SC180	NG 120	1	HIT	25	15	20.0	.400	.120	A	85	J	5.000	B	8μA	12	70	
2SC181	NG 120	1	HIT	25	12	20.0	.400	.120	A	85	J	10.000	B	8μA	12	110	
2SC182	NS 911 C		NEC	25	15	5.0	.150	.150	A	150	J	30.000	G	1μA	20	100	.020
2SC183	NS 911 C		NEC	20	18R	5.0	.030	.100	A	125	J	60.000	G	100NA	15	75	
2SC184	NS 911 C		NEC	20	18R	5.0	.030	.100	A	125	J	100.000	G	100NA	15	75	.001
2SC185	NS 911 C		NEC	20	18R	5.0	.030	.100	A	125	J	150.000	G	100NA	15	75	.001
2SC191	NS 210	5	SON	60	54R		.010	.250	A	150	J	12.000	B	2μA	60	80	
2SC192	NS 210	5	SON	60	54R		.010	.250	A	150	J	2.500	B	2μA	60	80	
2SC193	NS 210	5	SON	60	54R		.010	.250	A	150	J	12.000	B	2μA	60	80	
2SC194	NS 210	5	SON	60	54R		.010	.250	A	150	J	34.000	B	2μA	60	80	
2SC195	NS 210	5	SON	30	27R		.010	.250	A	150	J	2.500	B	1μA	30	80	
2SC196	NS 210	5	SON	30	27R		.010	.250	A	150	J	12.000	B	1μA	30	80	
2SC197	NS 210	5	SON	30	27R		.010	.250	A	150	J	34.000	B	1μA	30	80	
2SC199	NS 210	5	TOS	80		15.0	.050	.600	A	175	J	50.000	G	100NA	15	76	.003
2SC240	NS 605	3	NEC	100	60	5.0	5.000	75.000	C	175	J			5MA	100	35	1.000
2SC241	NS 605	3	NEC	60	40	5.0	5.000	75.000	C	175	J			10MA	60	40	1.000
2SC242	NS 605	3	NEC	100	60	5.0	5.000	75.000	C	175	J			10MA	100	40	1.000
2SC243	NS 605	3	NEC	140	80	5.0	5.000	75.000	C	175	J			10MA	140	40	1.000
2SC251	NS 217	72	NEC	30	15	3.0	.030	.200	A	150	J	600.000	G	1μA	15	50	.005
2SC251A	NS 217	72	NEC	30	15	3.0	.030	.200	A	150	J	600.000	G	1μA	15	50	.005
2SC252	NS 217	72	NEC	30	15	3.0	.030	.200	A	150	J	500.000	G	150NA	15	50	.005
2SC253	NS 217	72	NEC	30	15	3.0	.030	.200	A	150	J	600.000	G	150NA	15	50	.005
2SC260	NS 171	8	OKI	30	25	5.0	.800	1.500	A	175	J	120.000	G	1μA	20	74	
2SC261	NS 171	8	OKI	60	40	5.0	.800	1.500	A	175	J	120.000	G	1μA	20	74	
2SC262	NS 171	8	OKI	80	50	5.0	.800	1.500	A	175	J	120.000	G	1μA	20	74	
2SC263	NS 912 A		OKI	15	10	4.0	.120	.150	A	150	J	80.000	G	400NA	9	44	
2SC264	NS 912 A		OKI	30	14	5.0	.120	.150	A	150	J	200.000	G	100NA	9	50	
2SC265	NS 912 A		OKI	40	18	5.0	.120	.150	A	150	J	200.000	G	100NA	9	60	
2SC266	NS 911 C		NEC	30	20	5.0	.030	.100	A	150	J	200.000	G	100NA	25	75	.001
2SC267	NS 911 C		NEC	35	20	5.0	.200	.150	A	150	J	30.000	G	1μA	35	70	.020
2SC268	NS 911 C		NEC	60	60X	5.0	.030	.150	A	150	J	60.000	G	5μA	50	40	.001
2SC268A	NS 911 C		NEC	80	80X	5.0	.030	.150	A	150	J	60.000	G	5μA	50	40	.001
2SC269	NS 911 C		NEC	25	20S	5.0	.200	.150	A	150	J	200.000	G	1μA	15	90	.010
2SC270	NS 605 G		SON	270	75	6.0	5.000	50.000	C	150	J	10.000	G	1MA	50	40	2.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SC271	NS 911 C		NEC	25	12	3.0	.030	.100	A	150	J	800.000	G	100NA	12	70	.002
2SC272	NS 911 C		NEC	25	12	4.0	.020	.100	A	150	J	1000.000	G	100NA	12	70	.002
2SC273	NS 210	39	NEC	120	120R	5.0	.050	.500	A	150	J	1100.000	G	1μA	60	50	.003
2SC281	NS 120	1	HIT	30	20	5.0	.100	.200	A	175	J	80.000	G	100NA	20	280	.010
2SC282	NS 120	1	HIT	30	20	5.0	.100	.350	A	175	J	100.000	G	100NA	20	140	.010
2SC283	NS 120	1	HIT	50	20	5.0	.100	.350	A	175	J	80.000	G	100NA	20	118	.010
2SC284	NS 120	1	HIT	70	25	5.0	.100	.350	A	75	J	100.000	G	100NA	20	65	.010
2SC287A	NS 911 C		NEC	35	15	4.0	.020	.150	A	150	J	600.000	G	1μA	15	80	.001
2SC288A	NS 911 C		NEC	35	15	4.0	.020	.150	A	150	J	600.000	G	1μA	15	80	.001
2SC289	NS 911 C		NEC	25	12	4.0	.010	.100	A	150	J	600.000	G	100NA	12	70	.002
2SC291	NS 211 C		SON	70	40	5.0	3.000	1.000	A	175	J	35.000	G	3μA	30	38	1.000
2SC292	NS 211 C		SON	100	60	5.0	3.000	1.000	A	175	J	35.000	G	3μA	30	70	.100
2SC293	NS 211 C		SON	130	80	5.0	3.000	1.000	A	175	J	35.000	G	3μA	30	70	.100
2SC297	NS 631 B		SON	70	40	5.0	3.000	10.000	C	175	J	35.000	G	3μA	30	38	1.000
2SC298	NS 631 B		SON	100	60	5.0	3.000	10.000	C	175	J	35.000	G	3μA	30	70	.100
2SC299	NS 631 B		SON	130	80	5.0	3.000	10.000	C	175	J	35.000	G	3μA	30	70	.100
2SC313	NS 280 A		HIT	30	12	2.0	.050	.200	A	200	J	600.000	G	500NA	10	40	.010
2SC316	NS 211	18	MAT	45	45	5.0	.050	.300	A	175	J	80.000	G	10NA	10	250	
2SC317	NS 120	1	HIT	70	50	5.0	.100	.350	A	175	J	100.000	G	100NA	20	85	.010
2SC318	NS 210 G		SON	50	30	5.0	.100	.300	A	175	J	150.000	G	200NA	25	90	.001
2SC319	NS 210	39	NEC	40	20	4.0	.600	1.750	C	175	J	350.000	G	500NA	20	40	.100
2SC320	NS 210	39	NEC	40	20	4.0	.800	2.500	C	175	J	400.000	G	500NA	20	40	.100
2SC321	NS 210 A		HIT	40	15	5.0	.200	.360	A	175	J	300.000	G	250NA	20	60	.010
2SC323			SEE 2SC400														
2SC350	NS 120	1	HIT	30	20	5.0	.100	.200	A	175	J	100.000	G	10NA	20	120	.001
2SC352	NS 211 C		SON	50	30	5.0	.100	.750	A	175	J	100.000	G	200NA	25	90	.001
2SC353	NS 211 C		SON	100	60	5.0	.100	.750	A	175	J	100.000	G	200NA	25	90	.001
2SC356	NS 210	46	NEC	30	15	5.0	.200	.300	A	175	J	200.000	G	1μA	20	60	.010
2SC360			SEE 2SC400														
2SC361			SEE 2SC371														
2SC361-G			SEE 2SC371-G														
2SC362			SEE 2SC372														
2SC362-G			SEE 2SC372-G														
2SC363			SEE 2SC373														
2SC363-G			SEE 2SC373-G														
2SC366-ORG-G	NS 45 C		TOS	60	40	5.0	.400	.300	A	125	J	100.000	G	500NA	18	60	.100
2SC366-RED-G	NS 45 C		TOS	60	40	5.0	.400	.300	A	125	J	100.000	G	500NA	18	60	.100
2SC367	NS 45 C		TOS	40		5.0	.400	.300	A	125	J	100.000	B	500NA	18	180	.100
2SC367-ORG-G	NS 45 C		TOS	40	20	5.0	.400	.300	A	125	J	100.000	G	500NA	18	105	.100
2SC367-RED-G	NS 45 C		TOS	60	40	5.0	.400	.300	A	125	J	100.000	G	500NA	18	60	.100
2SC367-YEL-G	NS 45 C		TOS	40	20	5.0	.400	.300	A	125	J	100.000	G	500NA	18	105	.100
2SC368	NS 210	18	TOS	25		5.0	.100	.250	A	175	J	100.000	G	100NA	18	350	.001
2SC369	NS 45 C		TOS	25		5.0	.100	.200	A	125	J	100.000	G	100NA	18	350	.001
2SC369-BLU-G	NS 45 C		TOS	25	18	5.0	.100	.250	A	125	J	100.000	G	100NA	18	450	.001
2SC369-GRN-G	NS 45 C		TOS	25	18	5.0	.100	.250	A	125	J	100.000	G	100NA	18	250	.001
2SC370	NS 45 C		TOS	35		4.0	.100	.200	A	125	J	80.000	G	500NA	18	36	.002
2SC370-G	NS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	80.000	G	500NA	18	37	.010
2SC370-T	NS 45 C		TOS		40R	4.0	.100	.200	A	125	J	80.000	G	500NA	18	38	.002
2SC371	NS 45 C		TOS	35		4.0	.100	.200	A	125	J	80.000	G	500NA	18	80	.002
2SC371-ORG-G	NS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	80.000	G	500NA	18	105	.010
2SC371-RED-G	NS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	80.000	G	500NA	18	60	.010
2SC371-T	NS 45 C		TOS		40R	4.0	.100	.200	A	125	J	80.000	G	500NA	18	38	.002
2SC372	NS 45 C		TOS	35		4.0	.100	.200	A	125	J	80.000	G	500NA	18	140	.002
2SC372-ORG-G	NS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	80.000	G	500NA	18	105	.010
2SC372-YEL-G	NS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	80.000	G	500NA	18	180	.010
2SC373	NS 45 C		TOS	35		4.0	.100	.200	A	125	J	80.000	G	500NA	18	276	.002
2SC373-G	NS 45 C		TOS	35	30	5.0	.100	.200	A	125	J	80.000	G	500NA	18	300	.010
2SC374	NS 45 C		TOS	35		4.0	.100	.200	A	125	J	80.000	G	500NA	18	500	.002
2SC376	NS 45 C		TOS	70		4.0	.100	.200	A	125	J	100.000	G	1μA	18	60	.002
2SC377-BRN	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	80.000	G	500NA	18	38	.002
2SC377-ORG	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	80.000	G	500NA	18	105	.002
2SC377-RED	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	80.000	G	500NA	18	60	.002
2SC378-ORG	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	80.000	G	500NA	18	105	.002
2SC378-RED	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	80.000	G	500NA	18	60	.002
2SC378-YEL	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	80.000	G	500NA	18	180	.002
2SC380-ORG	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	100.000	G	500NA	18	105	.002
2SC380-RED	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	100.000	G	500NA	18	60	.002
2SC380-YEL	NS 45 C		TOS	30		4.0	.030	.200	A	125	J	100.000	G	500NA	18	180	.002
2SC381-BRN	NS 45 C		TOS	30		4.0	.020	.100	A	125	J	250.000	G	500NA	18	38	.001
2SC381-ORG	NS 45 C		TOS	30		4.0	.020	.100	A	125	J	250.000	G	500NA	18	105	.001
2SC381-RED	NS 45 C		TOS	30		4.0	.020	.100	A	125	J	250.000	G	500NA	18	60	.001
2SC382	NS 45 C		TOS	40		2.0	.050	.150	A	125	J	250.000	G	500NA	18	60	.004
2SC383	NS 45 C		TOS	40		3.0	.050	.300	A	125	J	300.000	G	25NA	10	45	.013
2SC385	NS 45 C		TOS		20	2.0	.020	.200	A	125	J	350.000	G	500NA	15	24	.008
2SC386	NS 45 C		TOS		20	2.0	.020	.200	A	125	J	350.000	G	500NA	15	24	.008
2SC387	NS 45 C		TOS	20		2.0	.050	.200	A	125	J	500.000	G	500NA	15	40	.008
2SC387-G	NS 45 C		TOS	20	12	2.0	.050	.200	A	125	J	650.000	G	500NA	15	30	.008
2SC388A	NS 45 C		TOS	25		3.0	.050	.300	A	125	J	300.000	G	25NA	10	70	.013
2SC389	NS 217	72	TOS	30	20	3.0	.020	.150	A	150	J	400.000	G	100NA	10	90	.004
2SC391	NS 217	72	TOS	20	15	2.0	.020	.150	A	150	J	800.000	G	1μA	10	120	.010
2SC394-GRN	NS 45 C		TOS	30		4.0	.100	.200	A	125	J	100.000	G	500NA	18	180	.002
2SC394-ORG	NS 45 C		TOS	30		4.0	.100	.200	A	125	J	100.000	G	500NA	18	60	.002
2SC394-RED	NS 45 C		TOS	30		4.0	.100	.200	A	125	J	100.000	G	500NA	18	38	.002
2SC394-YEL	NS 45 C		TOS	30		4.0	.100	.200	A	125	J	100.000	G	500NA	18	105	.002
2SC395A-ORG	NS 211	18	TOS	20	12	5.0	.500	.300	A	175	J	200.000	G	100NA	20	90	.010
2SC395A-RED	NS 211	18	TOS	20	12	5.0	.500	.300	A	175	J	200.000	G	100NA	20	47	.010
2SC395A-YEL	NS 211	18	TOS	20	12	5.0	.500	.300	A	175	J	200.000	G	100NA	20	150	.010
2SC397	NS 217	72	TOS	20	12	2.0	.050	.200	A	175	J	600.000	G	500NA	15	30	.008
2SC398	NS 217	72	TOS	20		3.0	.020	.200	A	150	J	250.000	G	50NA	10	70	.004
2SC399	NS 217	72	TOS	20		3.0	.020	.200	A	150	J	250.000	G	50NA	10	70	.004
2SC400	NS 210	18	TOS	30		5.0	.100	.250	A	175	J	100.000	G	500NA	15	118	.010
2SC401	NS 50 C		SON	50	25	3.0	.100	.100	A	120	J	100.000	G	200NA	25	90	.001
2SC402	NS 50 C		SON	50	25	3.0	.100	.100	A	120	J	100.000	G	200NA	25	90	.001
2SC403	NS 50 C		SON	50	25	3.0	.100	.100	A	120	J	100.000	G	200NA	25	60	.001
2SC404	NS 50 C		SON	50	25	3.0	.050	.100	A	120	J	100.000	G	200NA	25	90	.001
2SC423	NS 211	39	SAN	40	20	5.0	.300	.500	A	175	J	350.000	G	1μA	35	80	.020
2SC424	NS 211	39	SAN	40	20	5.0	.300	.200	A	175	J	350.000	G	1μA	35	80	.020
2SC425	NS 211	39	SAN	20	10	5.0	.300	.500	A	175	J	350.000	G	1μA	15	80	.020
2SC426	NS 211	39	SAN	20	10	5.0	.100	.200	A	175	J	350.000	G	1μA	15	80	.020
2SC427	NS 211	18	SAN	40	20	5.0	.100	.300	A	175	J	350.000	G	1μA	35	60	.020
2SC428	NS 211	18	SAN	20	10	5.0	.100	.300	A	175	J	350.000	G	1μA	15	60	.001
2SC429	NS 911 C		NEC	25	12	2.0	.010	.100	A	150	J	250.000	G	100NA	12	16	.001
2SC430	NS 911 C		NEC	25	12	2.0	.010	.100	A	150	J	300.000	G	1μA	12	20	.001
2SC454	NS 50 A		HIT,NSC	30	30	5.0	.100	.200	A	125	J	230.000	G	500NA	18	150	.002
2SC455	NS 50 A		HIT	30	30	5.0	.100	.200	A	125	J	230.000	G	500NA	18	46	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff			Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}			h_{FE} @ I_C(A)		
2SC456	NS 211	5	MAT	50		1.5	.600	.750	A	175	J	150.000	G	1μA	12	20			
2SC458	NS 50 A		HIT,NSC	30	30	5.0	.100	.200	A	125	J	230.000	G	500NA	18	150	.002		
2SC459	NS 50 A		HIT	30		5.0	.100	.200	A	125	J	230.000	G	500NA	18	130	.002		
2SC460	NS 50 A		HIT,NSC	30	30	5.0	.100	.200	A	125	J	230.000	G	500NA	18	98	.002		
2SC461	NS 50 A		HIT,NSC	30	30	5.0	.100	.200	A	125	J	230.000	G	500NA	18	86	.002		
2SC463	NS 217	72	NSC	35	35	4.0	.020	.150	A	175	J	400.000	G	100NA	10	73	.002		
2SC464	NS 280 A		HIT,NSC	30	19	2.0	.050	.200	A	200	J	600.000	G	500NA	10	40	.001		
2SC465	NS 280 A		HIT	30		2.0	.050	.200	A	200	J	500.000	G	500NA	10	40	.001		
2SC466	NS 280 A		HIT,NSC	30	19	2.0	.050	.200	A	200	J	500.000	G	500NA	10	40	.001		
2SC468	NS 170 J		HIT	40	15	5.0	.200	.200	A	175	J	300.000	G	250NA	20	85	.010		
2SC469	NS 911 C		NEC	20	18R	5.0	.030	.100	A	125	J	150.000	G	100NA	15	90	.001		
2SC470-3	NS 211 C		SON	90	70	5.0	.100	.750	A	175	J	VID AMP		1μA	25	60	.001		
2SC470-4	NS 211 C		SON	120	100	5.0	.100	.750	A	175	J	VID AMP		1μA	25	60	.001		
2SC470-5	NS 211 C		SON	150	130	5.0	.100	.750	A	175	J	VID AMP		1μA	25	60	.001		
2SC470-6	NS 211 C		SON	180	150	5.0	.100	.750	A	175	J	VIDAMP		1μA	25	60	.001		
2SC475	NS 911 C		NEC	20	15	5.0	.100	.150	A	150	J	50.000	G	100NA	15	300	.001		
2SC476	NS 911 C		NEC	20	15	5.0	.100	.150	A	150	J	50.000	G	100NA	15	350	.001		
2SC477	NS 217	72	MAT	50		5.0	.030	.140	A	175	J	230.000	G	1μA	10	85			
2SC478	NS 211	18	MAT	50		1.5	.120	.300	A	175	J	150.000	G	1μA	12	20			
2SC479	NS 211	5	HIT	60	40	5.0	.600	.650	A	175	J	HSSW		1μA	40	72	.100		
2SC481	NS 605	3	TOS	60		2.0	1.000	.600	C	150	J	100.000	G	10μA	30	46	.100		
2SC482-GRN	NS 211	39	TOS		32	5.0	.600	.600	H	175	J	50.000	G	1μA	30	200	.150		
2SC482-ORG	NS 211	39	TOS		32	5.0	.600	.600	H	175	J	50.000	G	1μA	30	45	.150		
2SC482-YEL	NS 211	39	TOS		32	5.0	.600	.600	H	175	J	50.000	G	1μA	30	100	.150		
2SC483			SEE 2SC791																
2SC484-BLU	NS 211	39	TOS		110	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	175	.200		
2SC484-RED	NS 211	39	TOS		110	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	51	.200		
2SC484-YEL	NS 211	39	TOS		110	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	85	.200		
2SC485-BLU	NS 211	39	TOS		80	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	175	.200		
2SC485-RED	NS 211	39	TOS		80	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	51	.200		
2SC485-YEL	NS 211	39	TOS		80	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	85	.200		
2SC486-BLU	NS 211	39	TOS		50	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	175	.200		
2SC486-RED	NS 211	39	TOS		50	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	51	.200		
2SC486-YEL	NS 211	39	TOS		50	5.0	1.500	.800	A	150	J	20.000	G	10μA	30	85	.200		
2SC489-BLU	NS 605	66	TOS		80	5.0	3.000	16.000	C	150	J	10.000	G	150μA	50	120	.500		
2SC489-RED	NS 605	66	TOS		80	5.0	3.000	16.000	C	150	J	10.000	G	150μA	50	35	.500		
2SC489-YEL	NS 605	66	TOS		80	5.0	3.000	16.000	C	150	J	10.000	G	150μA	50	70	.500		
2SC490-BLU	NS 605	66	TOS		50	5.0	3.000	16.000	C	150	J	10.000	G	150μA	50	120	.500		
2SC490-RED	NS 605	66	TOS		50	5.0	3.000	16.000	C	150	J	10.000	G	150μA	50	40	.500		
2SC490-YEL	NS 605	66	TOS		50	5.0	3.000	16.000	C	150	J	10.000	G	150μA	50	70	.500		
2SC491-BLU	NS 605	66	TOS		35	5.0	1.500	15.000	C	150	J	30.000	G	10μA	30	147	.500		
2SC491-RED	NS 605	66	TOS		35	5.0	1.500	15.000	C	150	J	30.000	G	10μA	30	45	.500		
2SC491-YEL	NS 605	66	TOS		35	5.0	1.500	15.000	C	150	J	30.000	G	10μA	30	75	.500		
2SC492	NS 605	3	TOS	110		5.0	5.000	50.000	C	150	J	20.000	B	10MA	50	70	1.000		
2SC493	NS 605	3	TOS	80		5.0	5.000	50.000	C	150	J	20.000	B	10MA	50	70	1.000		
2SC494	NS 605	3	TOS	50		5.0	5.000	50.000	C	150	J	20.000	B	10MA	50	70	1.000		
2SC495-ORG	NS 48 A		TOS		50	5.0	.800	.550	A	125	J	100.000	G	1μA	30	105	.050		
2SC495-RED	NS 48 A		TOS		50	5.0	.800	.550	A	125	J	100.000	G	1μA	30	60	.050		
2SC495-YEL	NS 48 A		TOS		50	5.0	.800	.550	A	125	J	100.000	G	1μA	30	180	.050		
2SC496-ORG	NS 48 A		TOS		30	5.0	.800	.550	A	125	J	100.000	G	1μA	30	105	.050		
2SC496-RED	NS 48 A		TOS		30	5.0	.800	.550	A	125	J	100.000	G	1μA	30	60	.050		
2SC496-YEL	NS 48 A		TOS		30	5.0	.800	.550	A	125	J	100.000	G	1μA	30	180	.050		
2SC497-ORG	NS 211	39	TOS		80	5.0	.800	.600	A	150	J	80.000	G	1μA	30	105	.200		
2SC497-RED	NS 211	39	TOS		80	5.0	.800	.600	A	150	J	80.000	G	1μA	30	60	.200		
2SC497-YEL	NS 211	39	TOS		80	5.0	.800	.600	A	150	J	80.000	G	1μA	30	180	.200		
2SC498-ORG	NS 211	39	TOS		50	5.0	.800	.600	A	150	J	80.000	G	1μA	30	105	.200		
2SC498-RED	NS 211	39	TOS		50	5.0	.800	.600	A	150	J	80.000	G	1μA	30	60	.200		
2SC498-YEL	NS 211	39	TOS		50	5.0	.800	.600	A	150	J	80.000	G	1μA	30	180	.200		
2SC499-RED	NS 45 C		TOS		100R	2.0	.020	.300	A	125	J	70.000	G	1μA	15	54	.003		
2SC499-YEL	NS 45 C		TOS		100R	2.0	.020	.300	A	125	J	70.000	G	1μA	15	135	.003		
2SC500	NS 211	5	TOS	120		5.0	.020	.600	A	150	J	70.000	G	1μA	30	90	.003		
2SC501-ORG	NS 211	39	TOS	60	30	5.0	.300	.750	A	175	J	100.000	G	100NA	30	105	.010		
2SC501-RED	NS 211	39	TOS	60	30	5.0	.300	.750	A	175	J	100.000	G	100NA	30	60	.010		
2SC501-YEL	NS 211	39	TOS	60	30	5.0	.300	.750	A	175	J	100.000	G	100NA	30	180	.010		
2SC502	NS 605	3	TOS	60		2.0	1.000	.800	C	150	J	120.000	G	10μA	30	30	.200		
2SC503	NS 211	5	TOS	60		5.0	.600	.800	A	175	J	50.000	G	500NA	30	106	.150		
2SC504	NS 211	5	TOS	40		5.0	.600	.800	A	175	J	50.000	G	500NA	30	106	.150		
2SC505-ORG	NS 211	39	TOS	300	300	3.0	.100	.600	A	175	J	20.000	G	2μA	100	88	.050		
2SC505-RED	NS 211	39	TOS	300	300	3.0	.100	.600	A	175	J	20.000	G	2μA	100	52	.050		
2SC506-ORG	NS 211	39	TOS	200	200	3.0	.100	.600	A	175	J	20.000	G	2μA	100	88	.050		
2SC506-RED	NS 211	39	TOS	200	200	3.0	.100	.600	A	175	J	20.000	G	2μA	100	52	.050		
2SC508	NS 605	66	TOS	180		5.0	4.000	20.000	C	150	J	25.000	B	120μA	50	30	4.000		
2SC510-ORG	NS 211	39	TOS	140	100	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98	.200		
2SC510-RED	NS 211	39	TOS	140	100	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52	.200		
2SC511-ORG	NS 211	39	TOS	120	80	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98	.200		
2SC511-RED	NS 211	39	TOS	120	80	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52	.200		
2SC512-ORG	NS 211	39	TOS	100	60	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98	.200		
2SC512-RED	NS 211	39	TOS	100	60	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52	.200		
2SC513-ORG	NS 211	39	TOS	70	40	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	98	.200		
2SC513-RED	NS 211	39	TOS	70	40	5.0	1.500	.800	A	175	J	20.000	G	1μA	30	52	.200		
2SC514			SEE 2SC515																
2SC515	NS 605	66	TOS	300		3.0	.100	6.000	H	150	J	10.000	G	100μA	300	68	.050		
2SC518	NS 605	3	TOS	140		5.0	5.000	50.000	C	150	J	20.000	B	10MA	50	40	5.000		
2SC519			SEE 2SC519A																
2SC519A	NS 605	3	TOS	130	110	5.0	7.000	50.000	C	150	J	5.000	G	1MA	50	45	1.000		
2SC520A	NS 605	3	TOS	100		5.0	7.000	50.000	C	150	J	20.000	B	1MA	50	80	1.000		
2SC521A	NS 605	3	TOS	70		5.0	7.000	50.000	C	150	J	20.000	B	1MA	50	80	1.000		
2SC522-ORG	NS 631 B		TOS	140	100	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	98	.200		
2SC522-RED	NS 631 B		TOS	140	100	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	52	.200		
2SC523-ORG	NS 631 B		TOS	120	80	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	98	.200		
2SC523-RED	NS 631 B		TOS	120	80	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	52	.200		
2SC524-ORG	NS 631 B		TOS	100	60	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	98	.200		
2SC524-RED	NS 631 B		TOS	100	60	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	52	.200		
2SC525-ORG	NS 631 B		TOS	70	40	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	98	.200		
2SC525-RED	NS 631 B		TOS	70	40	5.0	1.500	10.000	C	175	J	20.000	G	1μA	30	52	.200		
2SC526	NS 211	5	MAT	165	150	5.0	.055	2.300	C	175	J	80.000	G	2μA	12	20			
2SC527	NS 218	18	MAT	35		3.0	.025	.130	A	175	J	200.000	G	10μA	35	50			
2SC528	NS 50 A		HIT	20		5.0	.150	.200	A	125	J	AUD		500NA	20	190	.150		
2SC535	NS 50 B		HIT,NSC	30	20	4.0	.020	.100	A	125	J	700.000	G	500NA	10	85	.001		
2SC536	NS 43 B		SAN	40	20	5.0	.100	.150	A	125	J	180.000	G	1μA	35	80	.001		
2SC537	NS 43 B		SAN	20	10	5.0	.100	.150	A	125	J	180.000	G	1μA	15	80	.001		
2SC538	NS 211	18	MAT	25	25	5.0	.050	.300	A	175	J	80.000	G	10NA	10				
2SC538A	NS 211	18	MAT	45	45	5.0	.050	.300	A	175	J	80.000	G	10NA	10				
2SC539	NS 211	18	MAT	25	25	5.0	.050	.300	A	175	J	80.000	G	10NA	10				
2SC540	NS 911 C		NEC	30	25	5.0	.100	.150	A	150	J	50.000	G	100NA	25	270	.001		

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	Cond	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SC544	NS 43 B		SAN	40		4.0	.030	.150	A	125	J	350.000	G	1μA	35	80	.001
2SC545	NS 43 B		SAN	20		4.0	.030	.150	A	125	J	350.000	G	1μA	15	80	.001
2SC546	NS 43 B		SAN	30		4.0	.030	.150	A	125	J	700.000	G	1μA	25	50	.001
2SC547			SEE RF POWER SECTION														
2SC548			SEE RF POWER SECTION														
2SC549			SEE RF POWER SECTION														
2SC550			SEE RF POWER SECTION														
2SC551			SEE RF POWER SECTION														
2SC552			SEE RF POWER SECTION														
2SC553			SEE RF POWER SECTION														
2SC555			SEE RF POWER SECTION														
2SC556	NS 211	39	TOS	20		2.0	.400	.750	A	150	J	600.000	G	25μA	20	73	.050
2SC558	NS 605	3	TOS	250		5.0	5.000	50.000	C	150	J	.500	B	1MA	50	30	5.000
2SC562	NS 218	18	MAT,NSC	40	30	4.0	.025	.130	A	175	J	330.000	G	10μA	40	40	.004
2SC563	NS 218	18	MAT,NSC	40	25	4.0	.025	.145	A	175	J	550.000	G	10μA	40	38	.007
2SC563A	NS 218	72	MAT	40	40	4.0	.025	.300	A	175	J	550.000	G	10μA	40	38	
2SC566	NS 217	33	NEC	50	40	4.0	.300	.800	A	175	J	500.000	G	500NA	35	68	.100
2SC567	NS 217	72	NEC	30	15	3.0	.020	.200	A	150	J	1000.000	G	500NA	15	80	.002
2SC568	NS 217	72	NEC	30	15	3.0	.020	.200	A	150	J	700.000	G	100NA	15	100	.002
2SC581	NS 217	72	MAT	30		5.0	.030	.140	A	175	J	150.000	G	1μA	10		
2SC582	NS 605 C		MAT	300	300R	3.0	.150	6.500	H	150	J	10.000	G	100μA	300	68	.050
2SC583	NS 217	72	MAT	30	15	2.5	.020	.180	A	175	J	1000.000	G	1μA	15		
2SC585	NS 540	60	MAT	65		4.0	3.000	20.000	C	150	J	250.000	G	12μA	12	30	.200
2SC586	NS 605	3	MAT	150		6.0	5.000	50.000	C	175	J	AUD		15MA	150	33	5.000
2SC587	NS 211 A		MAT	45		5.0	.030	.300	A	175	J	50.000	G	10μA	45	300	.002
2SC587A	NS 211 A		MAT	45		5.0	.030	.300	A	175	J	50.000	G	10μA		300	.003
2SC589	NS 211	5	MAT	165		5.0	.080	.750	A	175	J	90.000	G	2μA		40	.003
2SC590	NS 210	5	NEC	120	70	5.0	.300	.800	C	175	J	100.000	G	1μA	60	70	.150
2SC591	NS 170	8	NEC	100	50	4.0	1.500	20.000	C	175	J	75.000	G	1MA	30	20	.150
2SC593	NS 217	72	MAT	50		5.0	.030	.165	A	175	J	150.000	G	1μA		100	.001
2SC594	NS 210	39	NEC	60	25	5.0	.200	.750	A	175	J	200.000	G	100NA	30	60	.010
2SC595	NS 210	18	NEC	30	20	5.0	.200	.300	A	150	J	250.000	G	1μA	15	60	.010
2SC596	NS 217	33	NEC	60	30	5.0	.500	.800	A	175	J	250.000	G	500NA	20	50	.030
2SC597	NS 211	5	MAT	65		4.0	1.000	6.000	C	175	J	300.000	G			30	.100
2SC598	NS 540	60	MAT,NEC	65		4.0	1.500	20.000	C	175	J	300.000	G	12μA		30	.100
2SC600	NS 540	60	MAT,NEC	65		4.0	3.000	20.000	C	175	J	250.000	G	12μA		30	.200
2SC601	NS 210	18	NEC	40	15	5.0	.100	.300	A	175	J	500.000	G	100NA	20	60	.010
2SC601N	NS 211 A		MAT,NEC	40		5.0	.100	.300	A	175	J	500.000	G	100NA		80	.010
2SC602	NS 217	72	NEC	30	20	3.0	.030	.200	A	150	J	600.000	G	1μA	15	60	.005
2SC605	NS 911 C		NEC	30	30	4.0	.020	.150	A	150	J	350.000	G	200NA	20	60	.002
2SC606	NS 911 C		NEC	30	30	4.0	.020	.150	A	150	J	400.000	G	200NA	20	60	.002
2SC608	NS 630 A		HIT	75		4.0	1.000	1.000	A	175	J	50.000	G	5μA	40	40	.100
2SC609	NS 630 A		HIT	75		4.0	1.000	1.000	A	175	J	50.000	G	5μA	40	40	.100
2SC611	NS 217	72	MAT,NEC	20		3.0	.020	.200	A	150	J	600.000	G	1μA		80	.002
2SC612	NS 217	72	MAT,NEC	35		2.0	.020	.180	A	175	J	1000.000	G	1μA		80	.002
2SC614	NS 211	39	SAN	80	60	4.0	1.500	7.500	C	85	J	200.000	G	100μA	40	80	.250
2SC615	NS 211	39	SAN	30	20	4.0	1.500	7.500	C	175	J	200.000	G	100μA	10	100	.250
2SC616	NS 170	8	SAN	80	60	4.0	1.500	13.000	C	175	J	200.000	G	100μA	40	80	.250
2SC617	NS 170	8	SAN	30	20	4.0	1.500	13.000	C	175	J	200.000	G	100μA	10	100	.250
2SC628	NS 210	5	NEC	40	20	4.0	.500	2.500	A	175	J	400.000	G	400NA	20	40	.100
2SC635	NS 540	60	NEC	65	40	4.0	1.500	10.000	C	175	J	300.000	G	3μA	18	65	.500
2SC636	NS 540	60	NEC	65	40	4.0	3.000	20.000	C	175	J	250.000	G	10μA	18	65	.001
2SC637	NS 540	60	NEC	40	20	4.0	1.000	10.000	C	175	J	300.000	G	10μA	20	30	.500
2SC638	NS 540	60	NEC	40	20	4.0	2.000	20.000	C	175	J	250.000	G	20μA	20	30	1.000
2SC639	NS 210	18	NEC	40	40S	5.0	.200	.360	A	200	J	500.000	G	100NA	20	100	.010
2SC640	NS 911 C		NEC	30	25R	5.0	.100	.150	A	150	J			100NA	25	270	.001
2SC641	NS 50 B		HIT	40	15	5.0	.100	.100	A	125	J	200.000	G	250NA	20	118	.010
2SC642A	NS 605	3	TOS		700R	5.0	1.000	50.000	C	150	J	2.000	B	10μA	500	70	.150
2SC643A	NS 605	3	TOS	500		5.0	2.500	50.000	C	150	J	80.000	G	10μA	500	8	2.000
2SC644	NS 41	92	MAT	30	25	5.0	.100	.150	A	125	J	LN		1μA	10	395	
2SC645	NS 80 A		MAT	30		5.0	.030	.140	A	150	J	150.000	G	1μA	10	100	.001
2SC647	NS 605	3	MAT	80	80	5.0	5.000	50.000	H	150	J	43.000	G	10MA	80	40	.100
2SC649	NS 120	1	HIT	30		6.0	.030	.200	A	175	J	220.000	G	100NA	20	110	.001
2SC650	NS 120	1	HIT	30		6.0	.030	.200	A	175	J	220.000	G	100NA	20	240	.001
2SC651	NS 210	39	NEC	45	22	4.0	.300	.750	C	150	J	800.000	G	100NA	20	80	.100
2SC652	NS 210	39	NEC	40	20	3.0	.300	.750	A	150	J	800.000	G	100NA	20	30	.100
2SC653	NS 217	72	NEC	25	13	3.0	.020	.200	A	150	J	1000.000	G	100NA	12	120	.002
2SC654	NS 217	33	NEC	40	35	3.0	.300	.800	A	150	J	5000.000	G	1μA	35	70	.050
2SC664	NS 605	3	HIT	100		5.0	5.000	50.000	C	150	J	AUD				118	5.000
2SC665	NS 605	3	HIT	125		5.0	5.000	50.000	C	150	J	AUD				118	5.000
2SC666	NS 605	3	HIT	150		5.0	5.000	50.000	C	150	J	AUD				118	5.000
2SC667	NS 43 B		SAN	15		4.0	.030	.150	A	125	J	600.000	G	1μA	10	60	.001
2SC668	NS 43 B		SAN	15		4.0	.030	.150	A	125	J	600.000	G	1μA	10	50	.001
2SC674	NS 43 B		SAN	15		4.0	.030	.150	A	125	J	700.000	G	1μA	10	50	.001
2SC679	NS 605	66	HIT	300		6.0	2.000	30.000	C	175	J	AUD				60	.020
2SC680	NS 605	66	HIT	120		6.0	2.000	12.500	C	150	J	AUD		5MA	5	180	.200
2SC680A	NS 605	66	HIT	200		6.0	2.000	12.500	C	150	J	AUD		5MA	5	180	.200
2SC681	NS 605	3	HIT	300		5.0	6.000	50.000	C	150	J	HOR OSC		1MA	30	30	4.000
2SC681A	NS 605	3	HIT	300		5.0	6.000	50.000	C	150	J	AUD		1MA	30	30	4.000
2SC682	NS 280 A		HIT,NSC	20	20	3.0	.020	.180	A	175	J	550.000	G	100NA	10	110	.002
2SC683	NS 280 A		HIT,NSC	20	20	3.0	.020	.180	A	175	J	550.000	G	100NA	10	110	.002
2SC684	NS 50 B		HIT,NSC	30	20	2.0	.050	.200	A	125	J	600.000	G	500NA	10	40	.010
2SC685	NS 605	66	HIT	300	300X	3.0	.100	4.000	H	150	J	25.000	G			60	.050
2SC685A	NS 605	66	HIT	300		4.0	.100	6.500	H	150	J	AUD		100μA	4	90	.050
2SC686	NS 210	39	NEC	150	150	6.0	.050	.800	A	175	J	40.000	G	100NA	100	90	.025
2SC687	NS 605	3	MAT	150		6.0	5.000	50.000	C	175	J	HOR AMP		15MA	150	33	5.000
2SC689	NS 210 A		HIT	40	15	5.0	.100	.300	A	175	J	600.000	G	250NA	20	60	.010
2SC693	NS 43 B		SAN	40		4.0	.100	.100	A	125	J	200.000	G	1μA	35	240	.001
2SC694	NS 43 B		SAN	40		4.0	.100	.100	A	125	J	200.000	G	1μA	35	200	.001
2SC695	NS 911 C		NEC	20	15	5.0	.030	.100	A	125	J			100NA	15	150	.001
2SC696	NS 211	5	MAT	100	60	5.0	3.000	1.200	A	175	J	35.000	G	3μA	30	102	.100
2SC696A	NS 211	5	MAT	130	80	5.0	3.000	1.200	A	175	J	35.000	G	3μA	30	102	.100
2SC697	NS 630 A		MAT	100	60	5.0	3.000	10.000	C	175	J	35.000	G	3μA	30	102	.100
2SC697A	NS 630 A		MAT	130	80	5.0	3.000	10.000	C	175	J	35.000	G	3μA	30	102	.100
2SC705	NS 43 B		SAN	15	12	4.0	.030	.120	A	125	J	800.000	G	1μA	10		.001
2SC707	NS 280 A		HIT	20		3.0	.020	.150	A	175	J	550.000	G	100NA	10	80	.002
2SC708	NS 211	5	HIT	60	50	4.0	1.000	.750	A	150	J	200.000	G	10μA	30	80	.050
2SC708A	NS 211	5	HIT	90	80	4.0	1.000	.750	A	150	J	200.000	G	10μA	30	80	.050
2SC715	NS 43 B		SAN	40	20	5.0	.100	.120	A	125	J	150.000	G	1μA	35	80	.001
2SC716	NS 43 B		SAN	20	20	5.0	.100	.120	A	125	J	150.000	G	1μA	15	80	.001
2SC717	NS 50 A		HIT,NSC	30	19	2.0	.050	.200	A	125	J	1100.000	G	500NA	10	40	.001
2SC732-BLU	NS 45 C		TOS		30	5.0	.100	.300	A	125	J	100.000	G	100NA	18	525	.002
2SC732-GRN	NS 45 C		TOS		30	5.0	.100	.300	A	125	J	100.000	G	100NA	18	300	.002
2SC732-VIO	NS 45 C		TOS		30	5.0	.100	.300	A	125	J	100.000	G	100NA	18	900	.002
2SC733-BLU	NS 45 C		TOS		30	5.0	.100	.300	A	125	J	100.000	G	100NA	18	525	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Temp. (°C)						
2SC733-GRN	NS 45 C		TOS		30	5.0	.100	.300 A	125 J	100.000 G		100NA	18	300	.002
2SC733-ORG	NS 45 C		TOS		30	5.0	.100	.300 A	125 J	100.000 G		100NA	18	105	.002
2SC733-YEL	NS 45 C		TOS		30	5.0	.100	.300 A	125 J	100.000 G		100NA	18	180	.002
2SC734-GRN	NS 45 C		TOS		50	5.0	.150	.300 A	125 J	100.000 G		100NA	18	300	.020
2SC734-ORG	NS 45 C		TOS		50	5.0	.150	.300 A	125 J	100.000 G		100NA	18	105	.020
2SC734-RED	NS 45 C		TOS		50	5.0	.150	.300 A	125 J	100.000 G		100NA	18	60	.020
2SC734-YEL	NS 45 C		TOS		50	5.0	.150	.300 A	125 J	100.000 G		100NA	18	180	.020
2SC735-GRN	NS 45 C		TOS		30	5.0	.400	.300 A	125 J	100.000 G		100NA	18	300	.100
2SC735-ORG	NS 45 C		TOS		30	5.0	.400	.300 A	125 J	100.000 G		100NA	18	105	.100
2SC735-RED	NS 45 C		TOS		30	5.0	.400	.300 A	125 J	100.000 G		100NA	18	60	.100
2SC735-YEL	NS 45 C		TOS		30	5.0	.400	.300 A	125 J	100.000 G		100NA	18	180	.100
2SC752-ORG-G	NS 45 C		TOS	40	15	5.0	.200	.200 A	125 J	200.000 G		250NA	20	105	.010
2SC752-RED-G	NS 45 C		TOS	40	15	5.0	.200	.200 A	125 J	200.000 G		250NA	20	60	.010
2SC752-YEL-G	NS 45 C		TOS	40	15	5.0	.200	.200 A	125 J	200.000 G		250NA	20	180	.010
2SC761	NS 217	72	MAT	30	20	3.0	.020	.130 A	175 J	675.000 G				45	.002
2SC762	NS 217	72	MAT	30	20	3.0	.020	.130 A	175 J	600.000 G				45	.002
2SC764	NS 210	18	NEC	40	40S	5.0	.200	.360 A	200 J	500.000 G		100NA	40	90	.010
2SC772	NS 43 B		SAN	15		4.0	.030	.120 A	125 J	300.000 G		1μA	10	50	
2SC780-ORG-G	NS 45 C		TOS	80	80R	5.0	.020	.100 A	125 J	50.000 G		2μA	70	105	.002
2SC780-RED-G	NS 45 C		TOS	80	80R	5.0	.020	.100 A	125 J	50.000 G		2μA	70	60	.002
2SC780-YEL-G	NS 45 C		TOS	80	80R	5.0	.020	.100 A	125 J	50.000 G		2μA	70	180	.002
2SC781	NS 210	39	NEC	75	40	5.0	1.000	5.000 C	175 J	150.000 G		1μA	40	80	.150
2SC782	NS 605	66	TOS		300	5.0	1.500	20.000 C	150 J	10.000 G		100μA	200	92	.100
2SC784-BRN	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	38	.001
2SC784-ORG	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	135	.001
2SC784-RED	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	60	.001
2SC785-BRN	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	38	.001
2SC785-ORG	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	105	.001
2SC785-RED	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	60	.001
2SC785-YEL	NS 45 C		TOS	30		4.0	.020	.100 A	125 J	250.000 G		500NA	18	180	.001
2SC791	NS 605	66	TOS		80R	5.0	1.500	15.000 C	150 J	20.000 B		10μA	30	102	.200
2SC793-BLU	NS 605	3	TOS		80	5.0	7.000	60.000 C	150 J	9.000 G		1MA	30	135	1.000
2SC793-RED	NS 605	3	TOS		80	5.0	7.000	60.000 C	150 J	9.000 G		1MA	30	47	1.000
2SC793-YEL	NS 605	3	TOS		80	5.0	7.000	60.000 C	150 J	9.000 G		1MA	30	80	1.000
2SC799	NS 631	37	NEC	80	40	5.0	1.500	10.000 C	175 J	150.000 G		1μA	40	90	.150
2SC800	NS 911 C		NEC	30	25	4.0	.010	.100 A	150 J	600.000 G		100NA	25	80	.002
2SC814	NS 42 A		NEC	30	18	5.0	.500	.400 A	125 J			200NA	18	150	.050
2SC815	NS 42	92	NEC	60	45R	5.0	.200	.250 A	125 J			100NA	45	70	.150
2SC823	NS 210	39	NEC	30	19R	3.0	.060	.600 A	150 J	1000.000 G		100NA	10	45	.015
2SC824	NS 210	39	NEC	50	25	3.0	.120	.650 A	150 J	1000.000 G		100NA	10	30	.030
2SC828	NS 41	92	MAT	30	25	5.0	.100	.250 A	125 J	GEN		1μA	10	383	
2SC828A	NS 41	92	MAT	45	45	5.0	.100	.250 A	125 J	GEN		1μA	10	383	
2SC829	NS 41	92	MAT	30	20	5.0	.030	.250 A	125 J	RF		1μA	10	270	
2SC830	NS 605	66	HIT	50		4.0	3.000	25.000 C	150 J	AUD				65	.100
2SC831	NS 217	12	NEC	50	25	4.0	2.000	23.000 A	175 J	300.000 G		5μA	20	65	1.000
2SC838	NS 42	92	NEC	50	25	5.0	.030	.250 A	125 J	150.000 G		200NA	15	75	.001
2SC839	NS 43	92	NEC	50	25	5.0	.030	.250 A	125 J	150.000 G		200NA	15	75	.001
2SC840	NS 605 C		MAT	100	60	5.0	3.000	20.000 C	150 J	50.000 G		5MA	100	30	.100
2SC840A	NS 605 C		MAT	150	100	5.0	3.000	20.000 C	150 J	50.000 G		5MA	100	30	.100
2SC852	NS 210	5	NEC	45	25	3.0	.080	.500 A	150 J	850.000 G		500NA	15	100	.002
2SC853	NS 42 A		NEC	60	55	5.0	.200	.400 A	125 J			200NA	45	70	.150
2SC856	NS 120	1	HIT	150		5.0	.050	.300 A	175 J	150.000 G		100NA	20	165	.010
2SC861	NS 605	3	HIT	400		5.0	1.000	50.000 C	150 J	AUD		10μA	30	150	1.000
2SC862	NS 605	3	HIT	500		5.0	6.000	50.000 C	150 J	HOR AMP		10μA	30		
2SC881	NS 42 A		NEC	60	45	5.0	.200	.400 A	125 J			200NA	30	70	.150
2SC890	NS 210	39	NEC	40	20	3.0	1.000	3.000 C	175 J	600.000 G		1μA	20	30	.100
2SC891	NS 967 A		NEC	40	20	4.0	2.000	10.300 C	175 J	600.000 G		5μA	20	23	.500
2SC892	NS 967 A		NEC	40	20	4.0	4.000	17.700 C	175 J	400.000 G		10μA	20	23	1.000
2SC896	NS 210	46	NEC	55	30	3.0	.200	.300 A	175 J	120.000 G		1μA	20	70	.010
2SC899	NS 42	92	NEC	30	25	5.0	.020	.250 A	125 J			50MA	25	115	.001
2SC900	NS 43	92	NEC	30	25R	5.0	.020	.250 A	125 J			50MA	25	250	.001
2SC901	NS 605	3	MAT	200	200S	6.0	5.000	50.000 H	150 J	HOR OUT		15MA	150	25	5.000
2SC901A	NS 605	3	MAT	250	250S	6.0	5.000	50.000 H	150 J	HOR OUT		15MA	150	25	5.000
2SC913	NS 210	18	NEC	40	35	5.0	.300	.300 A	175 J			200NA	20	40	.050
2SC914	NS 210	18	NEC	40	35	5.0	.300	.300 A	175 J			200NA	20	40	.200
2SC915	NS 210	18	NEC	30	20	5.0	.300	.300 A	175 J			200NA	20	70	.030
2SC916	NS 170	8	NEC	100	70	5.5	1.500	2.000 A	175 J			10μA	80	45	1.500
2SC920	NS 911 C		NEC	50	25	5.0	.030	.150 A	150 J	150.000 G		100NA	15	75	.001
2SC921	NS 911 C		NEC	25	12	2.0	.010	.100 A	150 J	450.000 G		100NA	12	65	.001
2SC923	NS 42	92	NEC	30	25R	5.0	.020	.250 A	125 J			50MA	25	250	.001
2SC924	NS 42	92	NEC	30	15	5.0	.050	.250 A	125 J			100NA	15	100	.001
2SC938	NS 42	92	NEC	60	60	5.0	.200	.250 A	125 J			100NA	45	75	.050
2SC939	NS 605	3	NEC	150	60R	7.0	5.000	50.000 A	150 J			2MA	60	60	5.000
2SC940	NS 605	3	NEC	200	90R	7.0	5.000	50.000 A	150 J			2MA	60	60	5.000
2SC943	NS 210	18	NEC	60	40	8.0	.200	.300 A	150 J	150.000 G		500NA	40	150	.010
2SC947	NS 217	72	MAT	25	20	3.0	.015	.150 A	175 J	650.000 G				20	
2SC948	NS 217	72	MAT	25	20	3.0	.015	.150 A	175 J	800.000 G				40	
2SC959	NS 210	5	NEC	120	80	5.0	.700	.700 A	150 J	60.000 G		3μA	80	100	.200
2SC960	NS 630 A		NEC	120	80	5.0	.700	1.000 A	150 J	3220.000 G		3μA	80	100	.200
2SC985			SEE 2N5762												
2SC985A			SEE 2N5762												
2SC987			SEE 2N5761												
2SC987A			SEE 2N5761												
2SC988			SEE 2N5650												
2SC988A			SEE 2N5651												
2SC988B			SEE 2N5652												
2SC989	NS 916 C		NEC	20	12	3.0	.050	.150 A	150 J	2000.000 G		1μA	10	45	.030
2SC990	NS 964 F		NEC	50	25	4.0	2.000	24.000 A	175 J	300.000 G		10μA	20	65	1.000
2SC1012	NS 211	39	MAT	165	165R	5.0	.060	2.500 H	175 J	VID OUT		2μA	12	20	.040
2SC1012A	NS 211	39	MAT	250	250R	5.0	.060	2.500 H	175 J	100.000 G				20	.040
2SC1033	NS 211	18	MAT	200	150	5.0	.025	.300 A	175 J	SW		2μA	12	30	.005
2SC1033A	NS 211	18	MAT	250	200	5.0	.025	.300 A	175 J	SW		2μA	12	20	.005
2SC1047	NS 41	92	MAT	30	20	3.0	.015	.150 A	125 J	650.000 G				270	
2SC1071	NS 210	18	NEC	30	17	5.0	.200	.300 A	175 J			900NA	20	83	.030
2SC1072	NS 210	39	NEC	60	45	5.0	.700	.800 A	175 J			300NA	40	50	.500
2SC1072A	NS 210	39	NEC	60	56	5.0	.700	.800 A	175 J			300NA	40	50	.500
2SC1090			SEE RF POWER SECTION												
2SC1215	NS 41	92	MAT	30	20	3.0	.050	.200 A	125 J	1200.000 G				25	.002
2SC1226	NS 59	202 AA	MAT	40	20	5.0	3.000	10.000 C	150 J	150.000 G		1μA	20	120	1.000
2SC1226A	NS 59	202 AA	MAT	50	40	5.0	3.000	10.000 C	150 J	150.000 G		1μA	20	120	1.000
2SC1317	NS 41	92	MAT	30	25	5.0	1.000	.400 A	125 J	200.000 G		100NA	20	160	.150
2SC1318	NS 41	92	MAT	60	50	5.0	1.000	.400 A	125 J	200.000 G		100NA	20	160	.150
2SC1327	NS 41	92	MAT	35	35	5.0	.100	.150 A	125 J	250.000 G		100NA	10	650	
2SC1328	NS 41	92	MAT	55	55	5.0	.100	.150 A	125 J	250.000 G		100NA	10	650	
2SC1346	NS 45 B		MAT	30	25	5.0	1.000	.600 A	125 J	200.000 G		100NA	20	160	.150

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SC1347	NS 45 B		MAT	60	50	5.0	1.000	.600	A	125	J	200.000	G	100NA	20	160	.150
2SC1359	NS 41	92	MAT	30	20	5.0	.030	.250	A	125	J	250.000	G	100NA	10	135	.001
2SC1360	NS 41	92	MAT	50	45	4.0	.050	.650	A	135	J	500.000	G	100NA	20	50	
2SC1383	NS 41	92	MAT	30	25	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SC1384	NS 41	92	MAT	60	50	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SC1398	NS 54	220 AB	MAT	70	50	5.0	3.000	15.000	C	150	J	150.000	G	1μA	40	30	.100
2SC1406	NS 45 B		MAT	30	25	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SC1407	NS 45 B		MAT	60	50	5.0	1.500	1.000	A	135	J	200.000	G	100NA	20	160	.500
2SC1446	NS 54	220 AB	MAT	300	300R	5.0	.150	10.000	H	150	J	55.000	G	100μA	300	30	.010
2SC1450	NS 605 C		MAT	150	150R	5.0	1.200	20.000	H	150	J	6.000	G	30μA	60	90	.100
2SC1501	NS 47 B		MAT	300	300	5.0	.600	10.000	H	150	J	55.000	G	100μA	300	30	.010
2SC1509	NS 41	92	MAT	80	80	5.0	1.000	.750	A	135	J	120.000	G	100NA	20	160	.150
2SD12	NS 605	3	MAT	75		4.0	2.500	60.000	C	150	J	AUD		10MA	75	50	1.000
2SD13	NS 405	67	MAT	35		4.0	10.000	100.000	C	150	J	AUD		40MA	35	25	10.000
2SD14	NS 405	67	MAT	75		4.0	10.000	100.000	C	150	J	AUD		45MA	45	25	10.000
2SD24	NS 622 A		SAN	300	300R	2.0	.100	4.000	C	110	J	25.000	G	2MA	100	60	.050
2SD30	NG 120 K		SAN	25		12.0	.200	.300	A	85	J	1.000	B	15μA	20	150	.100
2SD31	NG 120	1	MAT	25		10.0	.125	.125	C	75	J	AUD		12μA	10	50	.002
2SD32	NG 120	1	MAT	25		10.0	.125	.125	C	75	J	AUD		12μA	10	90	.002
2SD35	NG 105 E		MAT	20		10.0	.060	.083	A	75	J	AUD		10μA	10	72	
2SD36	NG 105 E		MAT	20		10.0	.060	.083	C	75	J	AUD		10μA	10	72	
2SD43	NG 120	1	TOS	25		12.0	.050	.110	A	75	J	1.000	B	14μA	12	68	.050
2SD43A	NG 120	1	TOS	45		12.0	.150	.110	A	75	J	1.000	B	14μA	12	68	.050
2SD44			SEE 2SC733														
2SD45	NS 605 G		SON	150	100	6.0	5.000	50.000	C	150	J	AUD				40	1.000
2SD46	NS 605 G		SON		1500	750.0	3.005	934.050	0	150	J	AUD				40	1.000
2SD47	NS 605 G		SON	100	50	6.0	5.000	50.000	C	150	J	AUD				40	1.000
2SD51	NS 605	3	NEC	100	50	6.0	5.000	50.000	A	175	J			5MA	15	60	2.000
2SD61	NG 210 H		SON	30	12	10.0	.100	.120	A	75	J	.600	B	20μA	40	50	.020
2SD62	NG 210 H		SON	30	12	10.0	.100	.120	A	75	J	.600	B	20μA	40	50	.020
2SD63	NG 210 H		SON	25	10		.100	.120	A	75	J	.600	B	10μA	25	50	.020
2SD64	NG 210 H		SON	25	20R		.100	.120	A	60	J	.600	B	15μA	25	100	.020
2SD65	NG 210 H		SON	25	10		.100	.120	A	75	J	.600	B	15μA	25	50	.020
2SD66	NG 210 H		SON	25	10		.100	.120	A	75	J	.500	B	15μA	25	30	.020
2SD67	NS 605	3	SAN	120	120R	5.0	5.000	50.000	C	150	J	40.000	G	10MA	120	60	1.000
2SD68	NS 605	3	SAN	120	120R	5.0	5.000	50.000	C	150	J	40.000	G	10MA	60	60	1.000
2SD70	NS 605	124	NEC	40	25	5.0	2.000	15.000	C	175	J			100μA	25	80	1.000
2SD71	NS 605	124	NEC	100	60	5.0	2.000	15.000	C	175	J			100μA	40	80	.500
2SD72	NG 120 J		SAN	25		6.0	.600	.720	C	85	J	.750	B	50μA	20	120	.200
2SD73	NS 605	3	NEC	100	60	5.0	5.000	60.000	C	175	J			5MA	100	50	1.000
2SD74	NS 605	3	NEC	150	90	5.0	5.000	60.000	C	175	J			5MA	150	50	1.000
2SD75	NG 120	1	HIT	25	25S	12.0	.100	.150	A	85	J	4.000	B	14μA	25	40	.001
2SD75A	NG 120	1	HIT	45	45S	12.0	.100	.150	A	85	J	4.000	B	25μA	45	40	.001
2SD77	NG 120	1	HIT	25		12.0	.100	.150	A	85	J	AUD		14μA	25	85	.050
2SD77A	NG 120	1	HIT	45		12.0	.100	.150	A	85	J	AUD		25μA	45	85	.050
2SD78	NS 210	5	NEC	100	60	12.0	2.000	1.000	C	175	J			1μA	60	80	.500
2SD79	NS 630 A		NEC	100	60	12.0	2.000	1.000	C	175	J			1μA	60	80	.500
2SD96	NG 120	1	HIT	25	18R	2.5	.250	.300	H	85	J	4.000	B	14μA	12	90	.050
2SD100			SEE 2SC482														
2SD100-G			SEE 2SC367-G														
2SD100A			SEE 2SC486														
2SD100A-G			SEE 2SC367-G														
2SD101			SEE 2SC485														
2SD101-G			SEE 2SC503														
2SD104			SEE 2SC367-G														
2SD105-G			SEE 2SC367-G														
2SD110-ORG	NS 605	3	TOS	130	110	10.0	10.000	100.000	C	150	J	2.000	G	5MA	50	88	1.000
2SD110-RED	NS 605	3	TOS	130	110	10.0	10.000	100.000	C	150	J	2.000	G	5MA	50	52	1.000
2SD110-YEL	NS 605	3	TOS	130	110	10.0	10.000	100.000	C	150	J	2.000	G	5MA	50	175	1.000
2SD111-ORG	NS 605	3	TOS	100	80	10.0	10.000	100.000	C	150	J	2.000	G	5MA	50	88	1.000
2SD111-RED	NS 605	3	TOS	100	80	10.0	10.000	100.000	C	150	J	2.000	G	5MA	50	52	1.000
2SD111-YEL	NS 605	3	TOS	100	80	10.0	10.000	100.000	C	150	J	2.000	G	5MA	50	175	1.000
2SD113-ORG	NS 605	3	TOS	100	80	10.0	10.000	200.000	C	150	J	1.500	G	10MA	50	88	1.000
2SD113-RED	NS 605	3	TOS	100	80	10.0	10.000	200.000	C	150	J	1.500	G	10MA	50	52	1.000
2SD113-YEL	NS 605	3	TOS	100	80	10.0	10.000	200.000	C	150	J	1.500	G	10MA	50	175	1.000
2SD114-ORG	NS 605	3	TOS	70	50	10.0	10.000	200.000	C	150	J	1.500	G	10MA	50	88	1.000
2SD114-RED	NS 605	3	TOS	70	50	10.0	10.000	200.000	C	150	J	1.500	G	10MA	50	52	1.000
2SD114-YEL	NS 605	3	TOS	70	50	10.0	10.000	200.000	C	150	J	1.500	G	10MA	50	175	1.000
2SD118-BLU	NS 605	3	TOS		110	10.0	7.000	100.000	C	150	J	2.000	G	50μA	50	130	1.000
2SD118-RED	NS 605	3	TOS		110	10.0	7.000	100.000	C	150	J	2.000	G	50μA	50	45	1.000
2SD118-YEL	NS 605	3	TOS		110	10.0	7.000	100.000	C	150	J	2.000	G	50μA	50	80	1.000
2SD119-BLU	NS 605	3	TOS		80	10.0	7.000	100.000	C	150	J	2.000	G	50μA	50	130	1.000
2SD119-RED	NS 605	3	TOS		80	10.0	7.000	100.000	C	150	J	2.000	G	50μA	50	45	1.000
2SD119-YEL	NS 605	3	TOS		80	10.0	7.000	100.000	C	150	J	2.000	G	50μA	50	80	1.000
2SD120	NS 211	5	HIT	60	40	12.0	1.500	1.000	A	175	J	1.900	B	100NA	30	60	.200
2SD121	NS 211	5	HIT	100	55	12.0	1.500	1.000	A	175	J	1.900	B	100NA	30	60	.200
2SD122	NS 171	8	HIT	60	40	12.0	3.000	15.000	C	175	J	1.600	B	100NA	30	48	.750
2SD123	NS 171	8	HIT	100	55	12.0	3.000	15.000	C	175	J	1.600	B	100NA	30	48	.750
2SD124	NS 605	3	HIT	60	40	10.0	6.000	60.000	C	175	J	.500	B	25μA	25	30	
2SD124A	NS 605	3	HIT	75	50	10.0	7.000	60.000	C	175	J	1.000	G	25μA	30	40	1.500
2SD125	NS 605	3	HIT	100	55	10.0	6.000	60.000	C	175	J	.500	B	25μA	25	30	
2SD125A	NS 605	3	HIT	100		10.0	6.000	60.000	C	175	J	AUD		25μA	30	50	.002
2SD126	NS 605	3	HIT	150		5.0	7.000	60.000	C	175	J	AUD		25μA	30	50	.002
2SD127	NG 120	1	SON	23	20R		.500	.250	A	85	J	2.000	B	15μA	15	70	.020
2SD127A	NG 120	1	SON	23	20R		.500	.250	A	85	J	2.000	B	15μA	15	82	.020
2SD128	NG 120	1	SON	32	30R		.500	.250	A	85	J	2.000	B	15μA	15	82	.020
2SD128A	NG 120	1	SON	32	30R		.500	.250	A	85	J	2.000	B	15μA	15	82	.020
2SD129-BLU	NS 605	66	TOS		80	10.0	3.000	25.000	C	150	J	1.000	G	1MA	50	135	.500
2SD129-RED	NS 605	66	TOS		80	10.0	3.000	25.000	C	150	J	1.000	G	1MA	50	47	.500
2SD129-YEL	NS 605	66	TOS		80	10.0	3.000	25.000	C	150	J	1.000	G	1MA	50	80	.500
2SD130-BLU	NS 605	66	TOS		50	10.0	3.000	25.000	C	150	J	1.000	G	1MA	50	135	.500
2SD130-RED	NS 605	66	TOS		50	10.0	3.000	25.000	C	150	J	1.000	G	1MA	50	47	.500
2SD130-YEL	NS 605	66	TOS		50	10.0	3.000	25.000	C	150	J	1.000	G	1MA	50	80	.500
2SD132	NS 607 A		NEC	100	60	6.0	10.000	120.000	C	175	J			1MA	60	35	5.000
2SD134	NG 35 B		SON	60	60R	3.0	.005	.030	A	65	J			8μA	15	40	.003
2SD141	NS 605	124	NEC	20	12R	5.0	3.000	15.000	C	175	J			100μA	12	80	1.000
2SD142	NS 605	124	NEC	40	20R	5.0	3.000	15.000	C	175	J			100μA	20	80	1.000
2SD143	NS 605	124	NEC	80	40R	5.0	2.000	15.000	C	175	J			100μA	40	80	.500
2SD144	NS 605	124	NEC	100	50R	5.0	2.000	15.000	C	175	J			100μA	50	80	.500
2SD150	NS 605	124	NEC	50	40R	5.0	2.000	15.000	C	150	J			100μA	40	80	1.000
2SD151	NS 605	3	NEC	100	65	6.0	20.000	150.000	C	175	J			5MA	65	40	20.000
2SD152	NS 605	124	NEC	150	70R	6.0	3.000	20.000	C	175	J			100μA	70	80	.500
2SD154	NS 605	124	NEC	80	60R	5.0	3.000	20.000	C	150	J			1MA	60	80	2.000
2SD155	NS 605	66	NEC	80	60R	5.0	3.000	20.000	C	150	J			1MA	60	80	2.000
2SD178	NG 120 G		MAT	20		6.0	.300	.225	C	75	J	AUD		27μA	6	95	.300

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
2SD178A	NG 120 G		MAT	40		6.0	.300	.225 C		75 J	AUD		27 μA	6	95	.300
2SD178B	NG 120 G		MAT	60		6.0	.300	.225 C		75 J	AUD		27 μA	6	95	.300
2SD180	NS 605	3	NEC	80	60R	7.0	7.500	50.000 C		150 J			2MA	60	60	3.000
2SD186	NG 120 J		SAN	25		12.0	.150	.200 A		85 J	1.000 B		15 μA	20	100	
2SD187	NG 120 J		SAN	25		12.0	.150	.200 A		85 J	.100 B		15 μA	20	100	.030
2SD189	NS 605	3	MAT	80	80	5.0	5.000	50.000 H		150 J	12.000 G		5MA	80	40	1.000
2SD189A	NS 605	3	MAT	100	100	5.0	5.000	50.000 H		150 J	12.000 G		5MA	100	40	1.000
2SD191	NG 210	5	TOS	30		12.0	.150	.150 A		75 J	1.000 B		14 μA	12	78	.001
2SD192	NG 210	5	TOS	30		12.0	.150	.150 A		75 J	1.000 B		14 μA	12	72	.050
2SD193	NG 211	5	TOS	35		12.0	.400	.250 A		75 J	.200 B		35 μA	12	98	.150
2SD194	NG 211	5	TOS	32		12.0	.400	.250 A		75 J	.200 B		40 μA	12	78	.150
2SD198	NS 605	3	MAT	300	300R	6.0	1.000	25.000 H		150 J	25.000 G		5MA	150	183	.100
2SD199	NS 605	3	MAT	800	700R	6.0	.500	25.000 H		150 J	7.000 G		1MA	800	25	.020
2SD200	NS 605	3	MAT	500	999S	5.0	2.500	10.000 H		115 J	HOR OUT		1MA	999	3	2.000
2SD200A	NS 605	3	MAT	500	999S	5.0	2.500	10.000 H		115 J	HOR OUT		1MA	999	3	2.000
2SD204	NS 210	5	NEC	60	30R	5.0	.700	.600 A		150 J			2 μA	50	80	.300
2SD205	NS 210	5	NEC	60	30R	5.0	.700	1.000 A		150 J			2 μA	50	80	.300
2SD217	NS 605	3	NEC	120	80R	7.0	7.000	60.000 A		150 J			2MA	80	60	4.000
2SD218	NS 605	3	NEC	150	100R	7.0	7.000	60.000 A		150 J			2MA	80	60	4.000
2SD226	NS 605 C		MAT	40	40	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD226A	NS 605 C		MAT	60	60	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD226B	NS 605 C		MAT	80	80	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD227	NS 42	92	NEC	30	15R	5.0	.300	.250 A		125 J			100 μA	15	120	.300
2SD228	NS 42 A		NEC	30	15R	5.0	.300	.400 A		125 J			100 μA	15	120	.300
2SD234-ORG	NS 54 D		TOS		50	10.0	3.000	25.000 C		150 J	1.000 G		200 μA	20	105	.500
2SD234-RED	NS 54 D		TOS		50	10.0	3.000	25.000 C		150 J	1.000 G		200 μA	20	60	.500
2SD234-YEL	NS 54 D		TOS		50	10.0	3.000	25.000 C		150 J	1.000 G		200 μA	20	180	.500
2SD235-ORG	NS 54 D		TOS		35	10.0	3.000	25.000 C		150 J	1.000 G		200 μA	20	105	.500
2SD235-RED	NS 54 D		TOS		35	10.0	3.000	25.000 C		150 J	1.000 G		200 μA	20	60	.500
2SD235-YEL	NS 54 D		TOS		35	10.0	3.000	25.000 C		150 J	1.000 G		200 μA	20	180	.500
2SD246	NS 605	3	MAT	500	999S	5.0	4.500	16.000 H		115 J	HOR OUT		1MA	999	2	4.000
2SD254	NS 605	124	NEC	70	50R	5.0	2.000	20.000 A		150 J			1MA	60	80	2.000
2SD255	NS 605	66	NEC	70	50R	5.0	2.000	20.000 A		150 J			1MA	60	80	2.000
2SD299	NS 605	3	MAT	500	999S	5.0	5.000	16.000 H		115 J	HOR OUT		1MA	999	2	4.000
2SD300	NS 605	3	MAT	500	999S	5.0	5.000	16.000 H		115 J	HOR OUT		1MA	999	6	2.500
2SD312	NS 605	3	MAT	800	600R	6.0	1.000	25.000 H		150 J	5.000 G		1MA	800	25	.020
2SD317	NS 54	220 AB	MAT	60	60	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD317A	NS 54	220 AB	MAT	80	80	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD318	NS 53	220 AA	MAT	60	60	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD318A	NS 53	220 AA	MAT	80	80	8.0	3.000	25.000 C		150 J	.025 G		30 μA	20	40	.100
2SD319	NS 605	3	MAT	110	80	5.0	30.000	100.000 C		150 J	1.000 G		5MA	110	120	1.000
2SD321	NS 605	3	MAT	250	250	6.0	15.000	60.000 H		150 J	SW		2MA	250	25	5.000
2SD324	NS 605 C		MAT	300	300R	3.0	.150	10.000 H		150 J	AO		100 μA	300	30	10.000
2SD334	NS 605	3	MAT	110	80	7.0	6.000	75.000 C		150 J	.025 G		1MA	110	150	1.000
2SD334A	NS 605	3	MAT	130	100	7.0	6.000	75.000 C		150 J	.025 G		1MA	130	150	1.000
2SD350	NS 605	3	MAT	500	700	5.0	11.000	22.000 H		115 J	SW		1MA	999	6	4.000
2SD351	NS 605	3	MAT	650	270	6.0	7.000	80.000 C		150 J	SW		5MA	650	12	5.000
2SD352	NG 120	1	MAT	32		10.0	1.000	.650 C		90 J	.010 E		25 μA	10	175	.050
2SD365	NS 54	220 AB	MAT	60	60	5.0	3.000	25.000 C		150 J	.070 G		30 μA	20	40	.100
2SD365A	NS 54	220 AB	MAT	80	80	5.0	3.000	25.000 C		150 J	.070 G		30 μA	20	40	.100
2SD366	NS 53	220 AA	MAT	60	60	5.0	3.000	25.000 C		150 J	.070 G		30 μA	20	40	.100
2SD366A	NS 53	220 AA	MAT	80	80	5.0	3.000	25.000 C		150 J	.070 G		30 μA	20	40	.100
2SD367	NG 120	1	MAT	25		6.0	.500	.150 C		85 J	.030 E		20 μA	12	190	.150
2SD379	NS 605	3	MAT	80	80	5.0	7.000	60.000 H		150 J	10.000 G		1MA	50	150	1.000
2SD380	NS 605	3	MAT	500	700	5.0	13.000	50.000 H		130 J	SW		1MA	999	10	5.000
2T15			SEE 2SB50													
2T64			SEE 2SD64													
2T65			SEE 2SD65													
2T66			SEE 2SD66													
2T69			SEE 2SD63													
2T73			SEE 2SC73													
2T75			SEE 2SC75													
2T76			SEE 2SC76													
2T77			SEE 2SC77													
2T78			SEE 2SC78													
2T83			SEE 2SB53													
2T201			SEE 2SA121,2,3													
2T203			SEE 2SA124													
2T205A			SEE 2SA125													
2T311			SEE 2SB48													
2T312			SEE 2SB48													
2T313			SEE 2SB49													
2T314			SEE 2SB49													
2T321			SEE 2SB51													
2T322			SEE 2SB51													
2T323			SEE 2SB52													
2T324			SEE 2SB52													
2T681			SEE 2SD61													
2T682			SEE 2SD62													
2T3011			SEE 2SB140													
2T3021			SEE 2SB141													
2T3030			SEE 2SB142													
2T3031			SEE 2SB143													
2T3032			SEE 2SB143,4													
2T3033			SEE 2SB144													
2T3041			SEE 2SB145													
2T3042			SEE 2SB145,6													
2T3043			SEE 2SB146													
3TE110			SEE 2N4131													
3TE120			SEE 2N4130													
3TE245	NS 543	60	ITT	70	70	4.0	1.000	23.000 C		200 J	400.000 G		500 μA	65	30	.500
3TE350	NS 632	37	ITT	70	40	4.0	.500	7.500 C		200 J	350.000 G		100 μA	70	30	.500
3TE440	NS 960 A		ITT	80	80	4.0	1.500	25.000 C		200 J	350.000 G		100 μA	70	26	.500
3TE450	NS 960 A		ITT	80	80	4.0	.500	7.500 C		200 J	350.000 G		100 μA	70	30	.500
3TE604			SEE RF POWER SECTION													
3TE609			SEE RF POWER SECTION													
3TE610			SEE RF POWER SECTION													
3TE611			SEE RF POWER SECTION													
3TX601			SEE RF POWER SECTION													
3TX602			SEE RF POWER SECTION													
3TX632			SEE RF POWER SECTION													
3TX820			SEE RF POWER SECTION													
3TX821			SEE RF POWER SECTION													
4C28	NS 210	5	GEC	40	30	2.0	.025	.150 A		125 J	12.000 B		2 μA	30	12	
4C29	NS 210	5	GEC	40	30	2.0	.625	.150 A		125 J	12.000 B		2 μA	30	12	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
4C30	NS 210	5	GEC	40	30	2.0	.025	.150	A	125	J	12.000	B	2μA	30	44	
4C31	NS 210	5	GEC	40	30	2.0	.025	.150	A	125	J	12.000	B	2μA	30	80	
4C43	NS 210	5	GEC	80		1.0	.060	.600	A	125	J			2μA	50	20	
4D20	NS 210	5	GEC	40	24	1.5	.025	.125	A	150	J			1μA	15	32	
4D21	NS 210	5	GEC	40	24	1.5	.025	.125	A	150	J			1μA	15	88	
4D22			SEE 2N2349														
4D24	NS 210	5	GEC	15	15	1.0	.025	.125	A	125	J			1μA	12	32	
4D25	NS 210	5	GEC	15	15	1.0	.025	.125	A	125	J			1μA	12	88	
4D26	NS 210	5	GEC	15	15	1.0	.025	.600	A	125	J			1μA	12	180	
7A30	NS 210	5	GEC	50	50	5.0		1.000	A	150	J	8.000	B	10μA	30	24	
7A31	NS 210	5	GEC	50	50	5.0		1.000	A	150	J	8.000	B	10μA	30	60	
7A32	NS 210	5	GEC	50	50	5.0		1.000	A	150	J	8.000	B	10μA	30	130	
7B1	NS 635 B		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	24	
7B2	NS 635 B		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	60	
7C1	NS 670 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	24	
7C2	NS 670 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	60	
7C3	NS 670 A		GEC	120	100	10.0		15.000	C	175	J	12.000	B	50μA	120	24	
7D1	NS 676 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	24	
7D2	NS 676 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	60	
7D3	NS 676 A		GEC	120	100	10.0		15.000	C	175	J	12.000	B	50μA	120	24	
7E1	NS 680 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	24	
7E2	NS 680 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	60	
7E3	NS 680 A		GEC	120	100	10.0		15.000	C	175	J	12.000	B	50μA	120	24	
7F1	NS 530 B		GEC	80	60	10.0		7.000	A	175	J	12.000	B	50μA	80	24	
7F2	NS 530 B		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	60	
7F3	NS 530 B		GEC	120	100	10.0		15.000	C	175	J	12.000	B	50μA	120	24	
7F4	NS 530 B		GEC	120	100	10.0		7.000	C	175	A	20.000	B	50μA	120	60	
7G1	NS 530 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	24	
7G2	NS 530 A		GEC	80	60	10.0		15.000	C	175	J	12.000	B	50μA	80	60	
7G3	NS 530 A		GEC	120	100	10.0		15.000	C	175	J	12.000	B	50μA	120	24	
7G4	NS 530 A		GEC	120	100	10.0		15.000	C	175	A	20.000	B	50μA	120	60	
10B551-2	NS 785 A		GEC	40	15	5.0		.100	A	125	J	300.000	G	50NA	15	60	.010
10B551-3	NS 786 A		GEC	40	15	5.0		.100	A	125	J	300.000	G	50NA	15	60	.010
10B553-2	NS 785 A		GEC	40	15	5.0		.100	A	125	J	200.000	G	500NA	15	60	.010
10B553-3	NS 786 A		GEC	40	15	5.0		.100	A	125	J	200.000	G	500NA	15	60	.010
10B555-2	NS 785 A		GEC	25	20R	3.0		.100	A	125	J	200.000	G	500NA	15	40	.010
10B555-3	NS 786 A		GEC	25	20R	3.0		.100	A	125	J	200.000	G	500NA	15	40	.010
10B556-2	NS 785 A		GEC	25	15	5.0		.100	A	125	J	200.000	G	500NA	15	36	.010
10B556-3	NS 786 A		GEC	25	15	5.0		.100	A	125	J	200.000	G	500NA	15	36	.010
10C573-2	NS 785 A		GEC	45	45			.100	A	125	J	200.000	G	200NA	30	62	.001
10C573-3	NS 786 A		GEC	45	45			.100	A	125	J	200.000	G	200NA	30	62	.001
10C574-2	NS 785 A		GEC	45	45			.100	A	125	J	200.000	G	200NA	30	160	.001
10C574-3	NS 786 A		GEC	45	45			.100	A	125	J	200.000	G	200NA	30	160	.001
11B551-2	NS 785 A		GEC	60	28	5.0		.100	A	125	J	40.000	G	500NA	30	36	.010
11B551-3	NS 786 A		GEC	60	28	5.0		.100	A	125	J	40.000	G	500NA	30	36	.010
11B552-2	NS 785 A		GEC	60	28	5.0		.100	A	125	J	50.000	G	500NA	30	70	.010
11B552-3	NS 786 A		GEC	60	28	5.0		.100	A	125	J	50.000	G	500NA	30	70	.010
11B554-2	NS 785 A		GEC	60	28	7.0		.100	A	125	J	60.000	G	25NA	40	70	.010
11B554-3	NS 786 A		GEC	60	20	7.0		.100	A	125	J	60.000	G	25NA	40	70	.010
11B555-2	NS 785 A		GEC	60	28	7.0		.100	A	125	J	60.000	G	25NA	40	176	.010
11B555-3	NS 786 A		GEC	60	28	7.0		.100	A	125	J	60.000	G	25NA	40	176	.010
11B556-2	NS 785 A		GEC	100	80	7.0		.100	A	125	J	50.000	G	25NA	40	70	.010
11B556-3	NS 786 A		GEC	100	80	7.0		.100	A	125	J	50.000	G	25NA	40	70	.010
11B560-2	NS 785 A		GEC	100	60	5.0		.100	A	125	J	50.000	G	500NA	30	70	.010
11B560-3	NS 786 A		GEC	100	60	5.0		.100	A	125	J	50.000	G	500NA	30	70	.010
11C1B1	NS 635 B		GEC	60	40	5.0	1.000	5.000	C	200	J	50.000	G	10NA	30	176	.150
11C1F1	NS 530 B		GEC	60	40	5.0	1.000	3.100	C	200	J	50.000	G	10NA	30	176	.150
11C3B1	NS 635 B		GEC	80	50	8.0	1.000	5.000	C	200	J	50.000	G	10NA	60	70	.150
11C3F1	NS 530 B		GEC	80	50	7.0	1.000	3.100	C	200	J	50.000	G	10NA	60	70	.150
11C5B1	NS 635 B		GEC	60	40	5.0	1.000	5.000	C	200	J	50.000	G	10NA	30	36	.150
11C5F1	NS 530 B		GEC	60	40	5.0	1.000	3.100	C	200	J	50.000	G	10NA	30	36	.150
11C7B1	NS 635 B		GEC	45	25	5.0	1.000	5.000	C	200	J	50.000	G	10NA	30	40	.150
11C7F1	NS 530 B		GEC	45	25	5.0	1.000	3.100	C	200	J	50.000	G	10NA	30	40	.150
11C10B1	NS 635 B		GEC	120	80	7.0	1.000	5.000	C	200	J	50.000	G	10NA	60	70	.150
11C10F1	NS 530 B		GEC	120	80	7.0	1.000	3.100	C	200	J	50.000	G	10NA	60	70	.150
11C11B1	NS 211	46	GEC	60	40	5.0	1.000	5.000	A	200	A	50.000	G	10NA	30	80	
11C11B20	NS 211	46	GEC	60	40	5.0	1.000	5.000	A	200	A	50.000	G	10NA	30	80	
11C11F1	NS 530 B		GEC	60	40	5.0	1.000	3.100	C	200	J	50.000	G	10NA	30	70	.150
11C201B20	NS 612 A		GEC	60	40	5.0	1.000	5.000	C	200	J	50.000	G	10NA	30	176	.150
11C203B20	NS 612 A		GEC	80	50	8.0	1.000	5.000	C	200	J	50.000	G	10NA	60	70	.150
11C205B20	NS 612 A		GEC	60	40	5.0	1.000	5.000	C	200	J	50.000	G	10NA	30	36	.150
11C207B20	NS 612 A		GEC	45	25	5.0	1.000	5.000	C	200	J	50.000	G	10NA	30	40	.150
11C210B20	NS 612 A		GEC	120	80	7.0	1.000	5.000	C	200	J	50.000	G	10NA	60	70	.150
11C551-2	NS 785 A		GEC	60	40	5.0		.100	A	125	J	50.000	G	25NA	30	176	.010
11C551-3	NS 786 A		GEC	60	40	5.0		.100	A	125	J	50.000	G	25NA	30	176	.010
11C553-2	NS 785 A		GEC	60	40	7.0		.100	A	125	J	50.000	G	25NA	30	70	.010
11C553-3	NS 786 A		GEC	60	40	7.0		.100	A	125	J	50.000	G	25NA	30	70	.010
11C557-2	NS 785 A		GEC	45	25	5.0		.100	A	125	J	50.000	G	50NA	30	68	.010
11C557-3	NS 786 A		GEC	45	25	5.0		.100	A	125	J	50.000	G	50NA	30	68	.010
11C702	NS 909	50	GEC	60	40	5.0	1.000	.300	A	175	J	50.000	G	10NA	30	180	.150
11C704	NS 909	50	GEC	80	50	8.0	1.000	.300	A	175	J	50.000	G	10NA	60	70	.150
11C710	NS 909	50	GEC	120	80	7.0	1.000	.300	A	175	J	50.000	G	10NA	60	70	.150
11C1536	NS 211	5	GEC	50	30	6.0	1.000	.800	A	200	J	50.000	G	50NA	30	80	.150
16A1			SEE 2N2711														
16A2			SEE 2N2712														
16A667-GRN	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	342	.002
16A667-ORG	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	136	.002
16A667-RED	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	82	.002
16A667-YEL	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	226	.002
16A668-GRN	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	342	.002
16A668-ORG	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	136	.002
16A668-YEL	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	226	.002
16A669-GRN	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	342	.002
16A669-YEL	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	226	.002
16B1			SEE 2N2713														
16B2			SEE 2N2714														
16B670-GRN	NS 45	98	GEC	18	18	5.0	.200	.200	A	100	J			500NA	18	360	
16B670-RED	NS 45	98	GEC	18	18	5.0	.200	.200	A	100	J			500NA	18	60	
16B670-YEL	NS 45	98	GEC	18	18	5.0	.200	.200	A	100	J			500NA	18	150	
16G2			SEE 2N3663														
16J1			SEE 2N3605														
16J2			SEE 2N3606														
16J3			SEE 2N3607														
16K1	NS 45	98	GEC	30	30	4.0	.025	.200	A	100	J	315.000	G	500NA	20	60	.005
16K2	NS 45	98	GEC	30	30	4.0	.025	.200	A	100	J	315.000	G	500NA	20	60	.005

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
16K3	NS 45	98	GEC	30	30	4.0	.025	.200	A	100	J	315.000	G	500NA	20	60	.005
16L2	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	80.000	G	500NA	18	30	
16L3	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	86.000	G	500NA	18	54	
16L4	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	112.000	G	500NA	18	90	
16L5	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	412.400	G	500NA	18	10	
16L22	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	80.000	G	500NA	18	30	
16L23	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	86.000	G	500NA	18	54	
16L24	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	112.000	G	500NA	18	90	
16L25	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	124.000	G	500NA	18	104	
16L42	NS 45	98	GEC	18	18	4.0	.100	.200	A	100	J	80.000	G	500NA	18	30	
16L43			SEE 2N3854														
16L44			SEE 2N3855														
16L45			SEE 2N3856														
16L62	NS 45	98	GEC	30	30	4.0	.100	.200	A	100	J	80.000	G	500NA	18	30	
16L63			SEE 2N3854A														
16L64			SEE 2N3855A														
16L65			SEE 2N3856A														
16X1			SEE 2N3877A														
16X2			SEE 2N3877														
71T2	NS 635 B		SES	80		5.0		15.000	C	175	J	30.000	G	50µA	60	52	1.000
72T2	NS 635 B		SES	80		5.0		15.000	C	175	J	30.000	G	50µA	60	125	1.000
73T2	NS 635 B		SES	80		5.0		15.000	C	175	J	15.000	G	75µA	80	52	.200
74T2	NS 635 B		SES	80		5.0		15.000	C	175	J	15.000	G	75µA	80	125	.200
80T2	NS 171	8	SES	50		4.0		2.000	A	175	J	150.000	G	100NA	30	14	.046
81T2	NS 211	5	SES	50		4.0		1.000	A	175	J	150.000	G	100NA	30	14	.040
82T2	NS 540	60	SES		50R	4.0	1.000	9.000	C	175	J	250.000	G	1µA	30	15	.500
83T2	NS 540	60	SES		60R	4.0	2.000	10.000	C	175	J	250.000	G	3µA	30	15	1.000
90T2	NS 43	98	SES	100		4.0	.050	.200	A	100	J			500NA	70	30	.030
91T6	NS 45	98	SES	18		5.0	.100	.200	A	125	J	5.000	G	100NA	18	375	.001
92T6	NS 45	98	SES	18		5.0	.100	.200	A	125	J	5.000	G	100NA	18	225	.001
93T6	NS 45	98	SES	18		5.0	.100	.200	A	125	J	5.000	G	100NA	18	150	.001
98T2	NS 43	98	SES	18	18	5.0	.200	.200	A	100	J	200.000	G	500NA	18	350	.100
100T2	NS 605	3	SES	120	80S			85.000	C			30.000	G	10MA	120	50	2.000
108T2	NS 605	3	SES	120	80	10.0	30.000	175.000	C	200	J	10.000	G	500µA	120	35	10.000
109T2	NS 605	3	SES	160	125	10.0	30.000	175.000	C	200	J	10.000	G	500µA	120	35	10.000
111T2	NS 210	5	SES		90S	4.0		.800	A	175	J			1µA	30	60	.150
121-6			SEE 2N216														
121-7			SEE 2N35														
121-9			SEE 2N112														
121-10			SEE 2N111														
121-11			SEE CK725														
121-12			SEE CK725														
121-14			SEE 2N112														
121-21			SEE 2N193														
121-22			SEE 2N194														
121-24			SEE 2N168A														
121-25			SEE 2N168A														
121-26			SEE 2N168														
121-27			SEE 2N190														
121-33			SEE 2N169A														
121-34			SEE 2N186A														
121-44			SEE 2N370														
121-45			SEE 2N139														
121-46			SEE 2N109														
121-47			SEE 2N270														
121-48			SEE 2N371														
121-49			SEE 2N372														
121-50			SEE 2N253														
121-51			SEE 2N254														
121-54			SEE 2N252														
121-60			SEE 2N213														
121-61			SEE 2N407														
121-62			SEE 2N411														
121-63			SEE 2N247														
121-64			SEE 2N407														
121-65			SEE 2N409														
121-66			SEE 2N409														
121-67			SEE 2N308														
121-70			SEE 2N515														
121-71			SEE 2N516														
121-73			SEE 2N409														
121-74			SEE 2N409														
121-75			SEE 2N139														
121-76			SEE 2N139														
121-78			SEE 2N544														
121-91			SEE 2N483														
121-92			SEE 2N485														
121-93			SEE 2N483														
121-94			SEE 2N482														
121-95			SEE 2N362														
121-96			SEE 2N632														
121-101			SEE 2N544														
121-102			SEE 2N409														
121-103			SEE 2N411														
121-104			SEE 2N409														
121-105			SEE 2N409														
121-107			SEE 2N407														
121-113			SEE 2N309														
121-128			SEE 2N1108														
121-134			SEE 2N1177														
121-135			SEE 2N1178														
121-136			SEE 2N1179														
121-138			SEE 2N1180														
121-139			SEE 2N1180														
121-145			SEE 2N1108														
121-146			SEE 2N1110														
121-147			SEE 2N1111														
121-148			SEE 2N407														
121-150			SEE 2N1631														
121-153			SEE 2N1108														
121-154			SEE 2N1110														
121-161			SEE 2N410														
121-162			SEE 2N410														
121-164			SEE 2N408														
121-179			SEE 2N1527														

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
121-180			SEE 2N1525														
121-181			SEE 2N1525														
121-184			SEE 2N1374														
121-185			SEE 2N1525														
121-205			SEE 2N1374														
121-225			SEE 2N407														
121-228			SEE 2N1742														
121-229			SEE 2N1745														
121-230			SEE 2N1745														
121-231			SEE 2N1865														
121-232			SEE 2N1865														
121-233			SEE 2N1747														
121-240			SEE 2N2614														
121-241			SEE 2N218														
121-242			SEE 2N993														
121-243			SEE 2N993														
121-244			SEE 2N993														
121-256			SEE 2N1632														
121-257			SEE 2N1526														
121-258			SEE 2N1524														
121-259			SEE 2N1524														
121-260			SEE 2N1524														
121-266			SEE 2N406														
121-267			SEE 2N408														
121-268			SEE 2N1742														
121-269			SEE 2N1745														
121-294			SEE 2N2654														
121-295			SEE 2N2654														
121-296			SEE 2N2654														
121-297			SEE 2N2671														
121-298			SEE 2N2671														
121-299			SEE 2N2671														
121-300			SEE 2N2429														
121-301			SEE 2N2428														
121-302			SEE 2N1302														
121-309			SEE 2N2429														
121-310			SEE 2N2428														
121-311			SEE 2N2706														
151-04	NS 412	82	WHE	65	40	25.0	6.000	100.000	C	150	J	.500	G	10MA	40	16	1.500
151-06	NS 412	82	WHE	85	60	25.0	6.000	100.000	C	150	J	.500	G	10MA	60	16	1.500
151-08	NS 412	82	WHE	105	80	25.0	6.000	100.000	C	150	J	.500	G	10MA	80	16	1.500
151-10	NS 412	82	WHE	125	100	25.0	6.000	100.000	C	150	J	.500	G	10MA	100	16	1.500
151-12	NS 412	82	WHE	145	120	25.0	6.000	100.000	H	150	J	.500	G	10MA	120	16	1.500
151-14	NS 412	82	WHE	165	140	25.0	6.000	100.000	H	150	J	.500	G	10MA	140	16	1.500
151-16	NS 412	82	WHE	185	160	25.0	6.000	100.000	H	150	J	.500	G	10MA	160	16	1.500
151-18	NS 412	82	WHE	205	180	25.0	6.000	100.000	H	150	J	.500	G	10MA	180	16	1.500
151-20	NS 412	82	WHE	225	200	25.0	6.000	100.000	H	150	J	.500	G	10MA	200	16	1.500
151-22	NS 412	82	WHE	245	220	25.0	6.000	100.000	H	150	J	.500	G	10MA	220	16	1.500
151-24	NS 412	82	WHE	265	240	25.0	6.000	100.000	H	150	J	.500	G	10MA	240	16	1.500
151-26	NS 412	82	WHE	285	260	25.0	6.000	100.000	H	150	J	.500	G	10MA	260	16	1.500
151-28	NS 412	82	WHE	305	280	25.0	6.000	100.000	H	150	J	.500	G	10MA	280	16	1.500
151-30	NS 412	82	WHE	325	300	25.0	6.000	100.000	H	150	J	.500	G	10MA	300	16	1.500
152-04	NS 412	82	WHE	65	40	25.0	6.000	100.000	C	150	J	.500	G	10MA	40	27	1.500
152-06	NS 412	82	WHE	85	60	25.0	6.000	100.000	C	150	J	.500	G	10MA	60	27	1.500
152-08	NS 412	82	WHE	105	80	25.0	6.000	100.000	C	150	J	.500	G	10MA	80	27	1.500
152-10	NS 412	82	WHE	125	100	25.0	6.000	100.000	C	150	J	.500	G	10MA	100	27	1.500
152-12	NS 412	82	WHE	145	120	25.0	6.000	100.000	H	150	J	.500	G	10MA	120	27	1.500
152-14	NS 412	82	WHE	165	140	25.0	6.000	100.000	H	150	J	.500	G	10MA	140	27	1.500
152-16	NS 412	82	WHE	185	160	25.0	6.000	100.000	H	150	J	.500	G	10MA	160	27	1.500
152-18	NS 412	82	WHE	205	180	25.0	6.000	100.000	H	150	J	.500	G	10MA	180	27	1.500
152-20	NS 412	82	WHE	225	200	25.0	6.000	100.000	H	150	J	.500	G	10MA	200	27	1.500
152-22	NS 412	82	WHE	245	220	25.0	6.000	100.000	H	150	J	.500	G	10MA	220	27	1.500
152-24	NS 412	82	WHE	265	240	25.0	6.000	100.000	H	150	J	.500	G	10MA	240	27	1.500
152-26	NS 412	82	WHE	285	260	25.0	6.000	100.000	H	150	J	.500	G	10MA	260	27	1.500
152-28	NS 412	82	WHE	305	280	25.0	6.000	100.000	H	150	J	.500	G	10MA	280	27	1.500
152-30	NS 412	82	WHE	325	300	25.0	6.000	100.000	H	150	J	.500	G	10MA	300	27	1.500
153-04	NS 560 A		WHE	65	40	15.0	7.500	200.000	C	175	J	.500	G	10MA	40	23	1.500
153-06	NS 560 A		WHE	85	60	15.0	7.500	200.000	C	175	J	.500	G	10MA	60	23	1.500
153-08	NS 560 A		WHE	105	80	15.0	7.500	200.000	C	175	J	.500	G	10MA	80	23	1.500
153-10	NS 560 A		WHE	125	100	15.0	7.500	200.000	C	175	J	.500	G	10MA	100	23	1.500
153-12	NS 560 A		WHE	145	120	15.0	7.500	200.000	C	175	J	.500	G	10MA	120	23	1.500
153-14	NS 560 A		WHE	165	140	15.0	7.500	200.000	C	175	J	.500	G	10MA	140	23	1.500
153-16	NS 560 A		WHE	185	160	15.0	7.500	200.000	C	175	J	.500	G	10MA	160	23	1.500
153-18	NS 560 A		WHE	205	180	15.0	7.500	200.000	C	175	J	.500	G	10MA	180	23	1.500
153-20	NS 560 A		WHE	225	200	15.0	7.500	200.000	C	175	J	.500	G	10MA	200	23	1.500
153-22	NS 560 A		WHE	245	220	15.0	7.500	200.000	C	175	J	.500	G	10MA	220	23	1.500
153-24	NS 560 A		WHE	265	240	15.0	7.500	200.000	C	175	J	.500	G	10MA	240	23	1.500
153-26	NS 560 A		WHE	285	260	15.0	7.500	200.000	C	175	J	.500	G	10MA	260	23	1.500
153-28	NS 560 A		WHE	305	280	15.0	7.500	200.000	C	175	J	.500	G	10MA	280	23	1.500
153-30	NS 560 A		WHE	325	300	25.0	7.500	200.000	C	175	J	.500	G	10MA	300	23	1.500
154-04	NS 560 A		WHE	65	40	15.0	7.500	200.000	C	175	J	.500	G	10MA	40	38	1.500
154-06	NS 560 A		WHE	85	60	15.0	7.500	200.000	C	175	J	.500	G	10MA	60	38	1.500
154-08	NS 560 A		WHE	105	80	15.0	7.500	200.000	C	175	J	.500	G	10MA	80	38	1.500
154-10	NS 560 A		WHE	125	100	15.0	7.500	200.000	C	175	J	.500	G	10MA	100	38	1.500
154-12	NS 560 A		WHE	145	120	15.0	7.500	200.000	C	175	J	.500	G	10MA	120	38	1.500
154-14	NS 560 A		WHE	165	140	15.0	7.500	200.000	C	175	J	.500	G	10MA	140	38	1.500
154-16	NS 560 A		WHE	185	160	15.0	7.500	200.000	C	175	J	.500	G	10MA	160	38	1.500
154-18	NS 560 A		WHE	205	180	15.0	7.500	200.000	C	175	J	.500	G	10MA	180	38	1.500
154-20	NS 560 A		WHE	225	200	15.0	7.500	200.000	C	175	J	.500	G	10MA	200	38	1.500
154-22	NS 560 A		WHE		220	15.0	7.500	200.000	C	175	J	.500	G	10MA	220	38	1.500
154-24	NS 560 A		WHE		240	15.0	7.500	200.000	C	175	J	.500	G	10MA	240	38	1.500
154-26	NS 560 A		WHE		260	15.0	7.500	200.000	C	175	J	.500	G	10MA	260	38	1.500
154-28	NS 560 A		WHE		280	15.0	7.500	200.000	C	175	J	.500	G	10MA	280	38	1.500
154-30	NS 560 A		WHE	325	300	25.0	7.500	200.000	C	175	J	.500	G	10MA	300	37	1.500
156-043	NS 605	3	WHE		40	7.0	15.000	115.000	C	200	J	1.000	G			27	3.000
156-044	NS 605	3	WHE		40	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
156-083	NS 605	3	WHE		80	7.0	15.000	115.000	C	200	J	1.000	G			27	3.000
156-084	NS 605	3	WHE		80	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
156-104	NS 605	3	WHE		100	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
156-123	NS 605	3	WHE		120	7.0	15.000	115.000	C	200	J	1.000	G			27	3.000
156-124	NS 605	3	WHE		120	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
156-144	NS 605	3	WHE		140	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
156-164	NS 605	3	WHE		160	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
163-04	NS 561 F		WHE	55	40	15.0	20.000	200.000	C	175	J	.500	G	10MA	40	23	5.000
163-06	NS 561 F		WHE	75	60	15.0	20.000	200.000	C	175	J	.500	G	10MA	60	23	5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)		Cutoff I_{CBO} @ V_{CB}			Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
163-08	NS 561 F		WHE	95	80	15.0	20.000	200.000	C	175	J	.500	G	10MA	80	23	5.000
163-10	NS 561 F		WHE	115	100	15.0	20.000	200.000	C	175	J	.500	G	10MA	100	23	5.000
163-12	NS 561 F		WHE	135	120	15.0	20.000	200.000	C	175	J	.500	G	10MA	120	23	5.000
163-14	NS 561 F		WHE	155	140	15.0	20.000	200.000	C	175	J	.500	G	10MA	140	23	5.000
163-16	NS 561 F		WHE	175	160	15.0	20.000	200.000	C	175	J	.500	G	10MA	160	23	5.000
163-18	NS 561 F		WHE	195	180	15.0	20.000	200.000	C	175	J	.500	G	10MA	180	23	5.000
163-20	NS 561 F		WHE	215	200	15.0	20.000	200.000	C	175	J	.500	G	10MA	200	23	5.000
163-22	NS 561 F		WHE	235	220	15.0	20.000	200.000	H	175	J	.500	G	30MA	220	23	5.000
163-24	NS 561 F		WHE	255	240	15.0	20.000	200.000	H	175	J	.500	G	30MA	240	23	5.000
163-26	NS 561 F		WHE	275	260	15.0	20.000	200.000	H	175	J	.500	G	30MA	260	23	5.000
163-28	NS 561 F		WHE	295	280	15.0	20.000	200.000	H	175	J	.500	G	30MA	280	23	5.000
163-30	NS 561 F		WHE	315	300	15.0	20.000	200.000	H	175	J	.500	G	30MA	300	23	5.000
164-04	NS 561 F		WHE	55	40	15.0	20.000	200.000	C	175	J	.500	G	30MA	40	38	5.000
164-06	NS 561 F		WHE	75	60	15.0	20.000	200.000	C	175	J	.500	G	30MA	60	38	5.000
164-08	NS 561 F		WHE	95	80	15.0	20.000	200.000	C	175	J	.500	G	30MA	80	38	5.000
164-10	NS 561 F		WHE	115	100	15.0	20.000	200.000	C	175	J	.500	G	30MA	100	38	5.000
164-12	NS 561 F		WHE	135	120	15.0	20.000	200.000	C	175	J	.500	G	30MA	120	38	5.000
164-14	NS 561 F		WHE	155	140	15.0	20.000	200.000	C	175	J	.500	G	30MA	140	38	5.000
164-16	NS 561 F		WHE	175	160	15.0	20.000	200.000	C	175	J	.500	G	30MA	160	38	5.000
164-18	NS 561 F		WHE	195	180	15.0	20.000	200.000	C	175	J	.500	G	30MA	180	38	5.000
164-20	NS 561 F		WHE	215	200	15.0	20.000	200.000	C	175	J	.500	G	30MA	200	38	5.000
164-22	NS 561 F		WHE	235	220	15.0	20.000	200.000	H	175	J	.500	G	30MA	220	37	5.000
164-24	NS 561 F		WHE	255	240	15.0	20.000	200.000	H	175	J	.500	G	30MA	240	37	5.000
164-26	NS 561 F		WHE	275	260	15.0	20.000	200.000	H	175	J	.500	G	30MA	260	37	5.000
164-28	NS 561 F		WHE	295	280	15.0	20.000	200.000	H	175	J	.500	G	30MA	280	37	5.000
164-30	NS 561 F		WHE	315	300	15.0	20.000	200.000	H	175	J	.500	G	30MA	300	37	5.000
176-04	NS 561	63	WHE	47	40	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
176-06	NS 561	63	WHE	67	60	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
176-08	NS 561	63	WHE	87	80	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
176-10	NS 561	63	WHE	107	100	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
176-12	NS 561	63	WHE	127	120	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
176-14	NS 561	63	WHE	147	140	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
176-16	NS 561	63	WHE	167	160	7.5	20.000	200.000	H	200	J	.030	G			30	20.000
180T2	NS 605	3	SES	60	60	10.0	6.000	85.000	C	200	J	10.000	G	10MA	60	60	2.000
181T2	NS 605	3	SES	100	90	10.0	6.000	85.000	C	200	J	10.000	G	1MA	100	60	2.000
182T2	NS 605	3	SES	200	140	10.0	6.000	85.000	C	200	J	10.000	G	1MA	180	60	2.000
183T2	NS 605	3	SES	300	180	10.0	6.000	85.000	C	200	J	10.000	G	1MA	250	60	2.000
184T2	NS 605	3	SES	400	200	10.0	6.000	85.000	C	200	J	10.000	G	1MA	300	60	2.000
185T2	NS 605	3	SES	500	250	10.0	6.000	85.000	C	200	J	10.000	G	1MA	400	60	2.000
903			SEE 2N1149														
904			SEE 2N1150														
904A			SEE 2N1151														
905			SEE 2N1152														
910			SEE 2N1153														
951			SEE 2N1154														
952			SEE 2N1155														
953			SEE 2N1156														
1401-14	NS 508	93	WHE	150	140	10.0	250.000	625.000	H	200	J	1.000	G			15	99.000
1401-0405	NS 508	96	WHE	50	40	7.0	250.000	625.000	H	200	J	.500	G			15	50.000
1401-0407	NS 508	96	WHE	50	40	7.0	250.000	625.000	H	200	J	.500	G			15	70.000
1401-0410	NS 508	96	WHE	50	40	7.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-0415	NS 508	93	WHE		40	10.0	250.000	625.000	H			.500	G			15	99.000
1401-0420	NS 508	93	WHE	50	40	10.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-0425	NS 508	93	WHE		40	10.0	250.000	625.000	H			.500	G			15	99.000
1401-0605	NS 508	96	WHE	70	60	7.0	250.000	625.000	H	200	J	.500	G			15	50.000
1401-0607	NS 508	96	WHE	70	60	7.0	250.000	625.000	H	200	J	.500	G			15	70.000
1401-0610	NS 508	96	WHE	70	60	7.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-0615	NS 508	93	WHE		60	10.0	250.000	625.000	H			.500	G			15	99.000
1401-0620	NS 508	93	WHE	70	60	10.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-0625	NS 508	93	WHE		60	10.0	250.000	625.000	H			.500	G			15	99.000
1401-0805	NS 508	96	WHE	90	80	7.0	250.000	625.000	H	200	J	.500	G			15	50.000
1401-0807	NS 508	96	WHE	90	80	7.0	250.000	625.000	H	200	J	.500	G			15	70.000
1401-0810	NS 508	96	WHE	90	80	7.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-0815	NS 508	93	WHE		80	10.0	250.000	625.000	H			.500	G			15	99.000
1401-0820	NS 508	93	WHE	90	80	10.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-0825	NS 508	93	WHE		80	10.0	250.000	625.000	H			.500	G			15	99.000
1401-1005	NS 508	96	WHE	110	100	7.0	250.000	625.000	H	200	J	.500	G			15	50.000
1401-1007	NS 508	96	WHE	110	100	7.0	250.000	625.000	H	200	J	.500	G			15	70.000
1401-1010	NS 508	96	WHE	110	100	7.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-1015	NS 508	93	WHE		100	10.0	250.000	625.000	H			.500	G			15	99.000
1401-1020	NS 508	93	WHE	110	100	10.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-1025	NS 508	93	WHE		100	10.0	250.000	625.000	H			.500	G			15	99.000
1401-1205	NS 508	96	WHE	130	120	7.0	250.000	625.000	H	200	J	.500	G			15	50.000
1401-1207	NS 508	96	WHE	130	120	7.0	250.000	625.000	H	200	J	.500	G			15	70.000
1401-1210	NS 508	96	WHE	130	120	7.0	250.000	625.000	H	200	J	.500	G			15	99.000
1401-1215	NS 508	93	WHE		120	10.0	250.000	625.000	H			.500	G			15	99.000
1401-1220	NS 508	93	WHE	130	120	10.0	250.000	625.000	H	200	J	.500	G			15	99.000
1441-0405	NS 563	114	WHE		40	10.0	150.000	350.000	H			.500	G			15	50.000
1441-0407	NS 563	114	WHE		40	10.0	150.000	350.000	H			.500	G			15	75.000
1441-0410	NS 563	114	WHE		40	10.0	150.000	350.000	H			.500	G			15	99.000
1441-0605	NS 563	114	WHE		60	10.0	150.000	350.000	H			.500	G			15	50.000
1441-0607	NS 563	114	WHE		60	10.0	150.000	350.000	H			.500	G			15	75.000
1441-0610	NS 563	114	WHE		60	10.0	150.000	350.000	H			.500	G			15	99.000
1441-0805	NS 563	114	WHE		80	10.0	150.000	350.000	H			.500	G			15	50.000
1441-0807	NS 563	114	WHE		80	10.0	150.000	350.000	H			.500	G			15	75.000
1441-0810	NS 563	114	WHE		80	10.0	150.000	350.000	H			.500	G			15	99.000
1441-1005	NS 563	114	WHE		100	10.0	150.000	350.000	H			.500	G			15	50.000
1441-1007	NS 563	114	WHE		100	10.0	150.000	350.000	H			.500	G			15	75.000
1441-1010	NS 563	114	WHE		100	10.0	150.000	350.000	H			.500	G			15	99.000
1441-1205	NS 563	114	WHE		120	10.0	150.000	350.000	H			.500	G			15	50.000
1441-1207	NS 563	114	WHE		120	10.0	150.000	350.000	H			.500	G			15	75.000
1441-1210	NS 563	114	WHE		120	10.0	150.000	350.000	H			.500	G			15	99.000
1561-0403	NS 605	3	WHE	50	40	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1561-0404	NS 605	3	WHE	50	40	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1561-0408	NS 605	3	WHE	50	40	7.0	20.000	150.000	C	200	J	.200	G	5MA	40	30	8.000
1561-0410	NS 605	3	WHE	50	40	7.0	20.000	150.000	C	200	J	.200	G	5MA	40	30	10.000
1561-0608	NS 605	3	WHE	70	60	7.0	20.000	150.000	C	200	J	.200	G	5MA	60	30	8.000
1561-0610	NS 605	3	WHE	70	60	7.0	20.000	150.000	C	200	J	.200	G	5MA	60	30	10.000
1561-0615	NS 605	3	WHE	70	60	7.0	30.000	150.000	C	200	J	.200	G	5MA	60	30	15.000
1561-0803	NS 605	3	WHE	90	80	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1561-0804	NS 605	3	WHE	90	80	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1561-0805	NS 605	3	WHE	90	80	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1561-0808	NS 605	3	WHE	90	80	7.0	20.000	150.000	C	200	J	.200	G	5MA	80	30	8.000
1561-0810	NS 605	3	WHE	90	80	7.0	20.000	150.000	C	200	J	.200	G	5MA	80	30	10.000
1561-0815	NS 605	3	WHE	90	80	7.0	30.000	150.000	C	200	J	.200	G	5MA	80	30	15.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
1561-1005	NS 605	3	WHE	110	100	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1561-1008	NS 605	3	WHE	110	100	7.0	20.000	150.000	C	200	J	.200	G	5MA	180	30	8.000
1561-1010	NS 605	3	WHE	110	100	7.0	20.000	150.000	C	200	J	.200	G	5MA	100	30	10.000
1561-1015	NS 605	3	WHE	110	100	7.0	30.000	150.000	C	200	J	.200	G	5MA	100	30	15.000
1561-1205	NS 605	3	WHE	130	120	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1561-1208	NS 605	3	WHE	130	120	7.0	20.000	150.000	C	200	J	.200	G	5MA	120	30	8.000
1561-1210	NS 605	3	WHE	130	120	7.0	20.000	150.000	C	200	J	.200	G	5MA	120	30	10.000
1561-1215	NS 605	3	WHE	130	120	7.0	30.000	150.000	C	200	J	.200	G	5MA	120	30	15.000
1561-1404	NS 605	3	WHE	150	140	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1561-1405	NS 605	3	WHE	150	140	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1561-1410	NS 605	3	WHE	150	140	7.0	20.000	150.000	C	200	J	.200	G	5MA	140	30	10.000
1561-1415	NS 605	3	WHE	150	140	7.0	30.000	150.000	C	200	J	.200	G	5MA	140	30	15.000
1561-1604	NS 605	3	WHE	170	160	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1561-1605	NS 605	3	WHE	170	160	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1561-1608	NS 605	3	WHE	170	160	7.0	20.000	150.000	C	200	J	.200	G	5MA	160	30	8.000
1561-1610	NS 605	3	WHE	170	160	7.0	20.000	150.000	C	200	J	.200	G	5MA	160	30	10.000
1561-1615	NS 605	3	WHE	170	160	7.0	30.000	150.000	C	200	J	.200	G	5MA	160	30	15.000
1561-1803	NS 605	3	WHE	190	180	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1561-1804	NS 605	3	WHE	190	180	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1561-1805	NS 605	3	WHE	190	180	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1561-1808	NS 605	3	WHE	190	180	7.0	20.000	150.000	C	200	J	.200	G	5MA	180	30	8.000
1561-1810	NS 605	3	WHE	190	180	7.0	20.000	150.000	C	200	J	.200	G	5MA	180	30	10.000
1561-1815	NS 605	3	WHE	190	180	7.0	30.000	150.000	C	200	J	.200	G	5MA	180	30	15.000
1561-2003	NS 605	3	WHE	210	200	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1561-2004	NS 605	3	WHE	210	200	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1561-2008	NS 605	3	WHE	210	200	7.0	20.000	150.000	C	200	J	.200	G	5MA	200	30	8.000
1561-2010	NS 605	3	WHE	210	200	7.0	20.000	150.000	C	200	J	.200	G	5MA	200	30	10.000
1571-0401	NS 605	66	WHE	50	40	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-0402	NS 605	66	WHE	50	40	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-0420	NS 605	66	WHE		40	7.0	4.000	29.000	H	200	J	1.000	G			30	3.000
1571-0425	NS 605	66	WHE		40	7.0	4.000	29.000	H	200	J	1.000	G			38	4.000
1571-0601	NS 605	66	WHE	70	60	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-0602	NS 605	66	WHE	70	60	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-0620	NS 605	66	WHE		60	7.0	4.000	29.000	H	200	J	1.000	G			30	3.000
1571-0801	NS 605	66	WHE	90	80	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-0802	NS 605	66	WHE	90	80	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-0820	NS 605	66	WHE		80	7.0	4.000	29.000	H	200	J	1.000	G			30	3.000
1571-0825	NS 605	66	WHE		80	7.0	4.000	29.000	H	200	J	1.000	G			38	4.000
1571-1001	NS 605	66	WHE	110	100	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-1002	NS 605	66	WHE	110	100	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-1020	NS 605	66	WHE		100	7.0	4.000	29.000	H	200	J	1.000	G			30	3.000
1571-1025	NS 605	66	WHE		100	7.0	4.000	29.000	H	200	J	1.000	G			38	4.000
1571-1201	NS 605	66	WHE	130	120	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-1202	NS 605	66	WHE	130	120	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-1220	NS 605	66	WHE		120	7.0	4.000	29.000	H	200	J	1.000	G			30	3.000
1571-1225	NS 605	66	WHE		120	7.0	4.000	29.000	H	200	J	1.000	G			38	4.000
1571-1401	NS 605	66	WHE	150	140	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-1402	NS 605	66	WHE	150	140	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-1425	NS 605	66	WHE		140	7.0	4.000	29.000	H	200	J	1.000	G			38	4.000
1571-1601	NS 605	66	WHE	170	160	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-1602	NS 605	66	WHE	170	160	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-1620	NS 605	66	WHE		160	7.0	4.000	29.000	H	200	J	1.000	G			30	3.000
1571-1625	NS 605	66	WHE		160	7.0	4.000	29.000	H	200	J	1.000	G			38	4.000
1571-1801	NS 605	66	WHE	190	180	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-1802	NS 605	66	WHE	190	180	7.0	4.000	29.000	C	200	J	1.000	G			30	2.000
1571-1820	NS 605	66	WHE	190	180	7.0	4.000	29.000	C	200	J	1.000	G			38	.500
1571-1825	NS 605	66	WHE	190	180	7.0	4.000	29.000	C	200	J	1.000	G			38	.500
1571-2001	NS 605	66	WHE	210	200	7.0	4.000	29.000	C	200	J	1.000	G			30	1.000
1571-2020	NS 605	66	WHE	210	200	7.0	4.000	29.000	C	200	J	1.000	G			38	.500
1571-2025	NS 605	66	WHE	210	200	7.0	4.000	29.000	C	200	J	1.000	G			38	.500
1582-0403	NS 605	3	WHE	50	40	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-0404	NS 605	3	WHE	50	40	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-0405	NS 605	3	WHE	50	40	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-0408	NS 605	3	WHE	50	40	7.0	30.000	150.000	C	200	J	1.000	G			22	8.000
1582-0410	NS 605	3	WHE	50	40	7.0	30.000	150.000	C	200	J	1.000	G			22	10.000
1582-0415	NS 605	3	WHE	50	40	7.0	30.000	150.000	C	200	J	1.000	G			22	15.000
1582-0508	NS 605	3	WHE		40	7.0	30.000	150.000	C	200	J	1.000	G			23	8.000
1582-0510	NS 605	3	WHE		50	7.0	30.000	150.000	C	200	J	1.000	G			23	10.000
1582-0603	NS 605	3	WHE	70	60	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-0604	NS 605	3	WHE	70	60	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-0605	NS 605	3	WHE	70	60	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-0608	NS 605	3	WHE		60	7.0	30.000	150.000	C	200	J	1.000	G			23	8.000
1582-0610	NS 605	3	WHE	70	60	7.0	30.000	150.000	C	200	J	1.000	G			22	10.000
1582-0615	NS 605	3	WHE		60	7.0	30.000	150.000	C	200	J	1.000	G			23	15.000
1582-0803	NS 605	3	WHE	90	80	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-0804	NS 605	3	WHE	90	80	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-0805	NS 605	3	WHE	90	80	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-0808	NS 605	3	WHE		80	7.0	30.000	150.000	C	200	J	1.000	G			23	8.000
1582-0810	NS 605	3	WHE	90	80	7.0	30.000	150.000	C	200	J	1.000	G			22	10.000
1582-0815	NS 605	3	WHE		80	7.0	30.000	150.000	C	200	J	1.000	G			23	15.000
1582-1003	NS 605	3	WHE	110	100	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-1004	NS 605	3	WHE	110	100	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-1005	NS 605	3	WHE	110	100	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-1008	NS 605	3	WHE		100	7.0	30.000	150.000	C	200	J	1.000	G			23	8.000
1582-1010	NS 605	3	WHE		100	7.0	30.000	150.000	C	200	J	1.000	G			23	10.000
1582-1015	NS 605	3	WHE		100	7.0	30.000	150.000	C	200	J	1.000	G			23	15.000
1582-1203	NS 605	3	WHE	130	120	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-1204	NS 605	3	WHE	130	120	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-1205	NS 605	3	WHE	130	120	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-1208	NS 605	3	WHE		120	7.0	30.000	150.000	C	200	J	1.000	G			23	8.000
1582-1210	NS 605	3	WHE		120	7.0	30.000	150.000	C	200	J	1.000	G			23	10.000
1582-1215	NS 605	3	WHE		120	7.0	30.000	150.000	C	200	J	1.000	G			23	15.000
1582-1403	NS 605	3	WHE	150	140	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-1404	NS 605	3	WHE	150	140	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-1405	NS 605	3	WHE	150	140	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-1408	NS 605	3	WHE	150	140	7.0	30.000	150.000	C	200	J	1.000	G			22	8.000
1582-1410	NS 605	3	WHE		140	7.0	30.000	150.000	C	200	J	1.000	G			23	10.000
1582-1415	NS 605	3	WHE		140	7.0	30.000	150.000	C	200	J	1.000	G			23	15.000
1582-1603	NS 605	3	WHE	170	160	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-1604	NS 605	3	WHE	170	160	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-1605	NS 605	3	WHE	170	160	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-1608	NS 605	3	WHE		160	7.0	30.000	150.000	C	200	J	1.000	G			23	8.000
1582-1610	NS 605	3	WHE		160	7.0	30.000	150.000	C	200	J	1.000	G			23	10.000
1582-1615	NS 605	3	WHE		160	7.0	30.000	150.000	C	200	J	1.000	G			23	15.000
1582-1803	NS 605	3	WHE	190	180	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
1582-1804	NS 605	3	WHE	190	180	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-1805	NS 605	3	WHE	190	180	7.0	15.000	115.000	C	200	J	1.000	G			30	5.000
1582-1808	NS 605	3	WHE	190	180	7.0	30.000	150.000	C	200	J	1.000	G			22	8.000
1582-1810	NS 605	3	WHE	190	180	7.0	30.000	150.000	C	200	J	1.000	G			22	10.000
1582-1815	NS 605	3	WHE	190	180	7.0	30.000	150.000	C	200	J	1.000	G			22	15.000
1582-2003	NS 605	3	WHE	210	200	7.0	15.000	115.000	C	200	J	1.000	G			30	3.000
1582-2004	NS 605	3	WHE	210	200	7.0	15.000	115.000	C	200	J	1.000	G			30	4.000
1582-2008	NS 605	3	WHE	210	200	7.0	30.000	150.000	C	200	J	1.000	G			22	8.000
1582-2010	NS 605	3	WHE	210	200	7.0	30.000	150.000	C	200	J	1.000	G			22	10.000
1714-0402	NS 605	66	WHE	50	40	7.0	10.000	25.000	H	200	J	40.000	G	3MA	50	30	2.000
1714-0405	NS 605	66	WHE	50	40	7.0	10.000	25.000	H	200	J	40.000	G	3MA	50	30	5.000
1714-0602	NS 605	66	WHE	70	60	7.0	10.000	25.000	H	200	J	40.000	G	3MA	70	30	2.000
1714-0605	NS 605	66	WHE	70	60	7.0	10.000	25.000	H	200	J	40.000	G	3MA	70	30	5.000
1714-0802	NS 605	66	WHE	90	80	7.0	10.000	25.000	H	200	J	40.000	G	3MA	90	30	2.000
1714-0805	NS 605	66	WHE	90	80	7.0	10.000	25.000	H	200	J	40.000	G	3MA	90	30	5.000
1714-1002	NS 605	66	WHE	110	100	7.0	10.000	25.000	H	200	J	40.000	G	3MA	110	30	2.000
1714-1005	NS 605	66	WHE	110	100	7.0	10.000	25.000	H	200	J	40.000	G	3MA	110	30	5.000
1714-1202	NS 605	66	WHE	130	120	7.0	10.000	25.000	H	200	J	40.000	G	3MA	130	30	2.000
1714-1205	NS 605	66	WHE	130	120	7.0	10.000	25.000	H	200	J	40.000	G	3MA	130	30	5.000
1714-1402	NS 605	66	WHE	150	140	7.0	10.000	25.000	H	200	J	40.000	G	3MA	150	30	2.000
1714-1405	NS 605	66	WHE	150	140	7.0	10.000	25.000	H	200	J	40.000	G	3MA	150	30	5.000
1714-1602	NS 605	66	WHE	170	160	7.0	10.000	25.000	H	200	J	40.000	G	3MA	170	30	2.000
1714-1605	NS 605	66	WHE	170	160	7.0	10.000	25.000	H	200	J	40.000	G	3MA	170	30	5.000
1714-1802	NS 605	66	WHE	190	180	7.0	10.000	25.000	H	200	J	40.000	G	3MA	190	30	2.000
1714-1805	NS 605	66	WHE	190	180	7.0	10.000	25.000	H	200	J	40.000	G	3MA	190	30	5.000
1716-0602	NS 560	61	WHE		60	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1716-0605	NS 560	61	WHE		60	7.0	10.000	50.000	H	200	J	70.000	G			30	5.000
1716-0802	NS 560	61	WHE		80	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1716-0805	NS 560	61	WHE		80	7.0	10.000	50.000	H	200	J	70.000	G			30	5.000
1716-1002	NS 560	61	WHE		100	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1716-1005	NS 560	61	WHE		100	7.0	10.000	50.000	H	200	J	70.000	G			30	5.000
1716-1202	NS 560	61	WHE		120	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1716-1205	NS 560	61	WHE		120	7.0	10.000	50.000	H	200	J	70.000	G			30	5.000
1716-1402	NS 560	61	WHE		140	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1716-1405	NS 560	61	WHE		140	7.0	10.000	50.000	H	200	J	70.000	G			30	5.000
1716-1602	NS 560	61	WHE		160	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1716-1605	NS 560	61	WHE		160	7.0	10.000	50.000	H	200	J	70.000	G			30	5.000
1716-1802	NS 560	61	WHE		180	7.0	10.000	50.000	H	200	J	70.000	G			30	2.000
1718-0602	NS 568	111	WHE		60	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1718-0605	NS 568	111	WHE		60	7.0	10.000	33.000	H	200	J	70.000	G			30	5.000
1718-0802	NS 568	111	WHE		80	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1718-0805	NS 568	111	WHE		80	7.0	10.000	33.000	H	200	J	70.000	G			30	5.000
1718-1002	NS 568	111	WHE		100	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1718-1005	NS 568	111	WHE		100	7.0	10.000	33.000	H	200	J	70.000	G			30	5.000
1718-1202	NS 568	111	WHE		120	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1718-1205	NS 568	111	WHE		120	7.0	10.000	33.000	H	200	J	70.000	G			30	5.000
1718-1402	NS 568	111	WHE		140	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1718-1405	NS 568	111	WHE		140	7.0	10.000	33.000	H	200	J	70.000	G			30	5.000
1718-1602	NS 568	111	WHE		160	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1718-1605	NS 568	111	WHE		160	7.0	10.000	33.000	H	200	J	70.000	G			30	5.000
1718-1802	NS 568	111	WHE		180	7.0	10.000	33.000	H	200	J	70.000	G			30	2.000
1723-0405	NS 605	3	WHE	50	40	7.0	20.000	85.000	H	200	J	30.000	G	5MA	50	30	5.000
1723-0410	NS 605	3	WHE	50	40	7.0	20.000	85.000	H	200	J	30.000	G	5MA	50	30	10.000
1723-0605	NS 605	3	WHE	70	60	7.0	20.000	85.000	H	200	J	30.000	G	5MA	70	30	5.000
1723-0610	NS 605	3	WHE	70	60	7.0	20.000	85.000	H	200	J	30.000	G	5MA	70	30	10.000
1723-0805	NS 605	3	WHE	90	80	7.0	20.000	85.000	H	200	J	30.000	G	5MA	90	30	5.000
1723-0810	NS 605	3	WHE	90	80	7.0	20.000	85.000	H	200	J	30.000	G	5MA	90	30	10.000
1723-1005	NS 605	3	WHE	110	100	7.0	20.000	85.000	H	200	J	30.000	G	5MA	110	30	5.000
1723-1010	NS 605	3	WHE	110	100	7.0	20.000	85.000	H	200	J	30.000	G	5MA	110	30	10.000
1723-1205	NS 605	3	WHE	130	120	7.0	20.000	85.000	H	200	J	30.000	G	5MA	130	30	5.000
1723-1210	NS 605	3	WHE	130	120	7.0	20.000	85.000	H	200	J	30.000	G	5MA	130	30	10.000
1723-1405	NS 605	3	WHE	150	140	7.0	20.000	85.000	H	200	J	30.000	G	5MA	150	30	5.000
1723-1410	NS 605	3	WHE	150	140	7.0	20.000	85.000	H	200	J	30.000	G	5MA	150	30	10.000
1723-1605	NS 605	3	WHE	170	160	7.0	20.000	85.000	H	200	J	30.000	G	5MA	170	30	5.000
1723-1610	NS 605	3	WHE	170	160	7.0	20.000	85.000	H	200	J	30.000	G	5MA	170	30	10.000
1723-1805	NS 605	3	WHE	190	180	7.0	20.000	85.000	H	200	J	30.000	G	5MA	190	30	5.000
1723-1810	NS 605	3	WHE	190	180	7.0	20.000	85.000	H	200	J	30.000	G	5MA	190	30	10.000
1723-2005	NS 605	3	WHE		200	7.0	20.000	150.000	H	200	J	50.000	G			30	5.000
1743-0610	NS 605	3	WHE	70	60	7.0	30.000	100.000	H	200	J	30.000	G	5MA	45	45	10.000
1743-0630	NS 605	3	WHE	70	60	7.0	30.000	100.000	H	200	J	30.000	G	5MA	45	45	30.000
1743-0820	NS 605	3	WHE	90	80	7.0	30.000	100.000	H	200	J	30.000	G	5MA	60	45	20.000
1743-1010	NS 605	3	WHE	110	100	7.0	30.000	100.000	H	200	J	30.000	G	5MA	75	45	10.000
1743-1030	NS 605	3	WHE	110	100	7.0	30.000	100.000	H	200	J	30.000	G	5MA	75	45	30.000
1743-1220	NS 605	3	WHE	130	120	7.0	30.000	100.000	H	200	J	30.000	G	5MA	90	45	20.000
1743-1410	NS 605	3	WHE	150	140	7.0	30.000	100.000	H	200	J	30.000	G	5MA	105	45	10.000
1743-1430	NS 605	3	WHE	150	140	7.0	30.000	100.000	H	200	J	30.000	G	5MA	105	45	30.000
1743-1620	NS 605	3	WHE	170	160	7.0	30.000	100.000	H	200	J	30.000	G	5MA	120	45	20.000
1743-1810	NS 605	3	WHE	190	180	7.0	30.000	100.000	H	200	J	30.000	G	5MA	135	45	10.000
1743-1820	NS 605	3	WHE	190	180	7.0	30.000	100.000	H	200	J	30.000	G	5MA	135	45	20.000
1743-1830	NS 605	3	WHE	190	180	7.0	30.000	100.000	H	200	J	30.000	G	5MA	135	45	30.000
1748-0610	NS 561	63	WHE	70	60	7.0	20.000	200.000	C	200	J	30.000	G	5MA	70	45	10.000
1748-0630	NS 561	63	WHE	70	60	7.0	20.000	200.000	C	200	J	30.000	G	5MA	70	45	30.000
1748-0810	NS 561	63	WHE	90	80	7.0	20.000	200.000	C	200	J	30.000	G	5MA	90	45	10.000
1748-0820	NS 561	63	WHE	90	80	7.0	20.000	200.000	C	200	J	30.000	G	5MA	90	45	20.000
1748-0830	NS 561	63	WHE	90	80	7.0	20.000	200.000	C	200	J	30.000	G	5MA	90	45	30.000
1748-1010	NS 561	63	WHE	110	100	7.0	20.000	200.000	C	200	J	30.000	G	5MA	110	45	10.000
1748-1030	NS 561	63	WHE	110	100	7.0	20.000	200.000	C	200	J	30.000	G	5MA	110	45	30.000
1748-1210	NS 561	63	WHE	130	120	7.0	20.000	200.000	C	200	J	30.000	G	5MA	130	45	10.000
1748-1220	NS 561	63	WHE	130	120	7.0	20.000	200.000	C	200	J	30.000	G	5MA	130	45	20.000
1748-1230	NS 561	63	WHE	130	120	7.0	20.000	200.000	C	200	J	30.000	G	5MA	130	45	30.000
1748-1410	NS 561	63	WHE	150	140	7.0	20.000	200.000	C	200	J	30.000	G	5MA	150	45	10.000
1748-1430	NS 561	63	WHE	150	140	7.0	20.000	200.000	C	200	J	30.000	G	5MA	150	45	30.000
1748-1610	NS 561	63	WHE	170	160	7.0	20.000	200.000	C	200	J	30.000	G	5MA	170	45	10.000
1748-1620	NS 561	63	WHE	170	160	7.0	20.000	200.000	C	200	J	30.000	G	5MA	170	45	20.000
1748-1630	NS 561	63	WHE	170	160	7.0	20.000	200.000	C	200	J	30.000	G	5MA	170	45	30.000
1748-1810	NS 561	63	WHE	190	180	7.0	20.000	200.000	C	200	J	30.000	G	5MA	190	45	10.000
1748-1820	NS 561	63	WHE	190	180	7.0	20.000	200.000	C	200	J	30.000	G	5MA	190	45	20.000
1748-1830	NS 561	63	WHE	190	180	7.0	20.000	200.000	C	200	J	30.000	G	5MA	190	45	30.000
1756-0440	NS 560	63	WHE	50	40	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000
1756-0460	NS 560	63	WHE	50	40	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1756-0640	NS 560	63	WHE	70	60	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000
1756-0660	NS 560	63	WHE	70	60	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1756-0840	NS 560	63	WHE	90	80	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000
1756-0860	NS 560	63	WHE	90	80	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1756-1040	NS 560	63	WHE	110	100	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND			I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
1756-1060	NS 560	63	WHE	110	100	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1756-1240	NS 560	63	WHE	130	120	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000
1756-1260	NS 560	63	WHE	130	120	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1756-1440	NS 560	63	WHE	150	140	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000
1756-1460	NS 560	63	WHE	150	140	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1756-1640	NS 560	63	WHE	170	160	7.0	75.000	150.000	H	200	J	30.000	G			22	40.000
1756-1660	NS 560	63	WHE	170	160	7.0	75.000	150.000	H	200	J	30.000	G			22	60.000
1761-04	NS 605	3	WHE	47	40	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1761-06	NS 605	3	WHE	67	60	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1761-08	NS 605	3	WHE	87	80	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1761-10	NS 605	3	WHE	106	100	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1761-12	NS 605	3	WHE	127	120	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1761-14	NS 605	3	WHE	147	140	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1761-16	NS 605	3	WHE	167	160	7.0	30.000	125.000	C	200	J	30.000	G			30	20.000
1763-0610	NS 605	3	WHE		60	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1763-0620	NS 605	3	WHE		60	7.0	40.000	85.000	H	200	J	50.000	G			30	20.000
1763-0630	NS 605	3	WHE		60	7.0	40.000	85.000	H	200	J	50.000	G			30	30.000
1763-0810	NS 605	3	WHE		80	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1763-0820	NS 605	3	WHE		80	7.0	40.000	85.000	H	200	J	50.000	G			30	20.000
1763-0830	NS 605	3	WHE		80	7.0	40.000	85.000	H	200	J	50.000	G			30	30.000
1763-1010	NS 605	3	WHE		100	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1763-1020	NS 605	3	WHE		100	7.0	40.000	85.000	H	200	J	50.000	G			30	20.000
1763-1030	NS 605	3	WHE		100	7.0	40.000	85.000	H	200	J	50.000	G			30	30.000
1763-1210	NS 605	3	WHE		120	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1763-1220	NS 605	3	WHE		120	7.0	40.000	85.000	H	200	J	50.000	G			30	20.000
1763-1230	NS 605	3	WHE		120	7.0	40.000	85.000	H	200	J	50.000	G			30	30.000
1763-1410	NS 605	3	WHE		140	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1763-1420	NS 605	3	WHE		140	7.0	40.000	85.000	H	200	J	50.000	G			30	20.000
1763-1430	NS 605	3	WHE		140	7.0	40.000	85.000	H	200	J	50.000	G			30	30.000
1763-1610	NS 605	3	WHE		160	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1763-1620	NS 605	3	WHE		160	7.0	40.000	85.000	H	200	J	50.000	H			30	20.000
1763-1630	NS 605	3	WHE		160	7.0	40.000	85.000	H	200	J	50.000	G			30	30.000
1763-1810	NS 605	3	WHE		180	7.0	40.000	85.000	H	200	J	50.000	G			30	10.000
1768-0610	NS 560	63	WHE		60	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1768-0620	NS 560	63	WHE		60	7.0	40.000	100.000	H	200	J	50.000	G			30	20.000
1768-0630	NS 560	63	WHE		60	7.0	40.000	100.000	H	200	J	50.000	G			30	30.000
1768-0810	NS 560	63	WHE		80	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1768-0820	NS 560	63	WHE		80	7.0	40.000	100.000	H	200	J	50.000	G			30	20.000
1768-0830	NS 560	63	WHE		80	7.0	40.000	100.000	H	200	J	50.000	G			30	30.000
1768-1010	NS 560	63	WHE		100	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1768-1020	NS 560	63	WHE		100	7.0	40.000	100.000	H	200	J	50.000	G			30	20.000
1768-1030	NS 560	63	WHE		100	7.0	40.000	100.000	H	200	J	50.000	G			30	30.000
1768-1210	NS 560	63	WHE		120	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1768-1220	NS 560	63	WHE		120	7.0	40.000	100.000	H	200	J	50.000	G			30	20.000
1768-1230	NS 560	63	WHE		120	7.0	40.000	100.000	H	200	J	50.000	G			30	30.000
1768-1410	NS 560	63	WHE		140	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1768-1420	NS 560	63	WHE		140	7.0	40.000	100.000	H	200	J	50.000	G			30	20.000
1768-1430	NS 560	63	WHE		140	7.0	40.000	100.000	H	200	J	50.000	G			30	30.000
1768-1610	NS 560	63	WHE		160	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1768-1620	NS 560	63	WHE		160	7.0	40.000	100.000	H	200	J	50.000	G			30	20.000
1768-1630	NS 560	63	WHE		160	7.0	40.000	100.000	H	200	J	50.000	G			30	30.000
1768-1810	NS 560	63	WHE		180	7.0	40.000	100.000	H	200	J	50.000	G			30	10.000
1776-0440	NS 560	63	WHE		40	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1776-0460	NS 560	63	WHE		40	7.0	75.000	150.000	H	200	J	35.000	G			23	60.000
1776-0640	NS 560	63	WHE		60	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1776-0660	NS 560	63	WHE		60	7.0	75.000	150.000	H	200	J	35.000	G			23	60.000
1776-0840	NS 560	63	WHE		80	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1776-0860	NS 560	63	WHE		80	7.0	75.000	150.000	H	200	J	35.000	G			23	60.000
1776-1040	NS 560	63	WHE		100	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1776-1060	NS 560	63	WHE		100	7.0	75.000	150.000	H	200	J	35.000	G			23	60.000
1776-1240	NS 560	63	WHE		120	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1776-1260	NS 560	63	WHE		120	7.0	75.000	150.000	H	200	J	35.000	G			23	60.000
1776-1440	NS 560	63	WHE		140	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1776-1460	NS 560	63	WHE		140	7.0	75.000	150.000	H	200	J	35.000	G			23	60.000
1776-1640	NS 560	63	WHE		160	7.0	75.000	150.000	H	200	J	35.000	G			23	40.000
1781-0450	NS 563	114	WHE	50	40	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1781-0470	NS 563	114	WHE	50	40	7.0	90.000	200.000	H	200	J	30.000	G			22	70.000
1781-0490	NS 563	114	WHE	50	40	7.0	90.000	200.000	H	200	J	30.000	G			15	90.000
1781-0650	NS 563	114	WHE	70	60	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1781-0670	NS 563	114	WHE	70	60	7.0	90.000	200.000	H	200	J	30.000	G			22	70.000
1781-0690	NS 563	114	WHE	70	60	7.0	90.000	200.000	H	200	J	30.000	G			15	90.000
1781-0850	NS 563	114	WHE	90	80	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1781-0870	NS 563	114	WHE	90	80	7.0	90.000	200.000	H	200	J	30.000	G			22	70.000
1781-0890	NS 563	114	WHE	90	80	7.0	90.000	200.000	H	200	J	30.000	G			15	90.000
1781-1050	NS 563	114	WHE	110	100	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1781-1070	NS 563	114	WHE	110	100	7.0	90.000	200.000	H	200	J	30.000	G			22	70.000
1781-1090	NS 563	114	WHE	110	100	7.0	90.000	200.000	H	200	J	30.000	G			15	90.000
1781-1250	NS 563	114	WHE	130	120	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1781-1270	NS 563	114	WHE	130	120	7.0	90.000	200.000	H	200	J	30.000	G			22	70.000
1781-1290	NS 563	114	WHE	130	120	7.0	90.000	200.000	H	200	J	30.000	G			15	90.000
1781-1450	NS 563	114	WHE	150	140	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1781-1470	NS 563	114	WHE	150	140	7.0	90.000	200.000	H	200	J	30.000	G			22	70.000
1781-1650	NS 563	114	WHE	170	160	7.0	90.000	200.000	H	200	J	30.000	G			22	50.000
1814-2001	NS 605	66	WHE	225	200	7.0	10.000	44.000	C	150	J	30.000	G	3MA	210	30	1.000
1814-2002	NS 605	66	WHE	225	200	7.0	10.000	44.000	C	150	J	30.000	G	3MA	210	30	2.000
1814-2005	NS 605	66	WHE	225	200	7.0	10.000	44.000	C	150	J	30.000	G	3MA	210	30	5.000
1814-2201	NS 605	66	WHE	250	225	7.0	10.000	44.000	C	150	J	30.000	G	3MA	235	30	1.000
1814-2202	NS 605	66	WHE	250	225	7.0	10.000	44.000	C	150	J	30.000	G	3MA	235	30	2.000
1814-2205	NS 605	66	WHE	250	225	7.0	10.000	44.000	C	150	J	30.000	G	3MA	235	30	5.000
1814-2501	NS 605	66	WHE	275	250	7.0	10.000	44.000	C	150	J	30.000	G	3MA	260	30	1.000
1814-2502	NS 605	66	WHE	275	250	7.0	10.000	44.000	C	150	J	30.000	G	3MA	260	30	2.000
1814-2505	NS 605	66	WHE	275	250	7.0	10.000	44.000	C	150	J	30.000	G	3MA	260	30	5.000
1814-2701	NS 605	66	WHE	300	275	7.0	10.000	44.000	C	150	J	30.000	G	3MA	285	30	1.000
1814-2702	NS 605	66	WHE	300	275	7.0	10.000	44.000	C	150	J	30.000	G	3MA	285	30	2.000
1814-2705	NS 605	66	WHE	300	275	7.0	10.000	44.000	C	150	J	30.000	G	3MA	285	30	5.000
1814-3001	NS 605	66	WHE	325	300	7.0	10.000	44.000	C	150	J	30.000	G	3MA	310	30	1.000
1814-3002	NS 605	66	WHE	325	300	7.0	10.000	44.000	C	150	J	30.000	G	3MA	310	30	2.000
1814-3005	NS 605	66	WHE	325	300	7.0	10.000	44.000	C	150	J	30.000	G	3MA	310	30	5.000
1814-3201	NS 605	66	WHE	350	325	7.0	10.000	44.000	C	150	J	30.000	G	3MA	335	30	1.000
1814-3202	NS 605	66	WHE	350	325	7.0	10.000	44.000	C	150	J	30.000	G	3MA	335	30	2.000
1814-3205	NS 605	66	WHE	350	325	7.0	10.000	44.000	C	150	J	30.000	G	3MA	335	30	5.000
1814-3501	NS 605	66	WHE	375	350	7.0	10.000	44.000	C	150	J	30.000	G	3MA	360	30	1.000
1814-3502	NS 605	66	WHE	375	350	7.0	10.000	44.000	C	150	J	30.000	G	3MA	360	30	2.000
1814-3505	NS 605	66	WHE	375	350	7.0	10.000	44.000	C	150	J	30.000	G	3MA	360	30	5.000
1814-3701	NS 605	66	WHE	400	375	7.0	10.000	44.000	C	150	J	30.000	G	3MA	385	30	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff			Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}			h_{FE} @ I_C(A)	
1814-3702	NS 605	66	WHE	400	375	7.0	10.000	44.000	C	150	J	30.000	G	3MA	385	30	2.000	
1814-3705	NS 605	66	WHE	400	375	7.0	10.000	44.000	C	150	J	30.000	G	3MA	385	30	5.000	
1843-2005	NS 605	3	WHE	225	200	7.0	30.000	150.000	C	200	J	20.000	G	10MA	225	30	5.000	
1843-2010	NS 605	3	WHE	225	200	7.0	30.000	150.000	C	200	J	20.000	G	10MA	225	22	10.000	
1843-2020	NS 605	3	WHE	225	200	7.0	30.000	150.000	C	200	J	20.000	G	10MA	225	15	20.000	
1843-2205	NS 605	3	WHE	250	225	7.0	30.000	150.000	C	200	J	20.000	G	10MA	250	30	5.000	
1843-2210	NS 605	3	WHE	250	225	7.0	30.000	150.000	C	200	J	20.000	G	10MA	250	22	10.000	
1843-2220	NS 605	3	WHE	250	225	7.0	30.000	150.000	C	200	J	20.000	G	10MA	250	15	20.000	
1843-2505	NS 605	3	WHE	275	250	7.0	30.000	150.000	C	200	J	20.000	G	10MA	275	30	5.000	
1843-2510	NS 605	3	WHE	275	250	7.0	30.000	150.000	C	200	J	20.000	G	10MA	275	22	10.000	
1843-2520	NS 605	3	WHE	275	250	7.0	30.000	150.000	C	200	J	20.000	G	10MA	275	15	20.000	
1843-2705	NS 605	3	WHE	300	275	7.0	30.000	150.000	C	200	J	20.000	G	10MA	300	30	5.000	
1843-2710	NS 605	3	WHE	300	275	7.0	30.000	150.000	C	200	J	20.000	G	10MA	300	22	10.000	
1843-2720	NS 605	3	WHE	300	275	7.0	30.000	150.000	C	200	J	20.000	G	10MA	300	15	20.000	
1843-3005	NS 605	3	WHE	325	300	7.0	30.000	150.000	C	200	J	20.000	G	10MA	325	30	5.000	
1843-3010	NS 605	3	WHE	325	300	7.0	30.000	150.000	C	200	J	20.000	G	10MA	325	22	10.000	
1843-3020	NS 605	3	WHE	325	300	7.0	30.000	150.000	C	200	J	20.000	G	10MA	325	15	20.000	
1843-3205	NS 605	3	WHE	350	325	7.0	30.000	150.000	C	200	J	20.000	G	10MA	350	30	5.000	
1843-3210	NS 605	3	WHE	350	325	7.0	30.000	150.000	C	200	J	20.000	G	10MA	350	22	10.000	
1843-3220	NS 605	3	WHE	350	325	7.0	30.000	150.000	C	200	J	20.000	G	10MA	350	15	20.000	
1843-3505	NS 605	3	WHE	375	350	7.0	30.000	150.000	C	200	J	20.000	G	10MA	375	30	5.000	
1843-3510	NS 605	3	WHE	375	350	7.0	30.000	150.000	C	200	J	20.000	G	10MA	375	22	10.000	
1843-3705	NS 605	3	WHE	400	375	7.0	30.000	150.000	C	200	J	20.000	G	10MA	400	30	5.000	
1856-2030	NS 560	63	WHE	225	200	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
1856-2040	NS 560	63	WHE	225	200	7.0	65.000	150.000	H	200	J	20.000	G			22	40.000	
1856-2230	NS 560	63	WHE	250	225	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
1856-2240	NS 560	63	WHE	250	225	7.0	65.000	150.000	H	200	J	20.000	G			22	40.000	
1856-2530	NS 560	63	WHE	275	250	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
1856-2540	NS 560	63	WHE	275	250	7.0	65.000	150.000	H	200	J	20.000	G			22	40.000	
1856-2730	NS 560	63	WHE	300	275	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
1856-2740	NS 560	63	WHE	300	275	7.0	65.000	150.000	H	200	J	20.000	G			22	40.000	
1856-3030	NS 560	63	WHE	325	300	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
1856-3040	NS 560	63	WHE	325	300	7.0	65.000	150.000	H	200	J	20.000	G			22	40.000	
1856-3230	NS 560	63	WHE	350	325	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
1856-3240	NS 560	63	WHE	350	325	7.0	65.000	150.000	H	200	J	20.000	G			22	40.000	
1856-3530	NS 560	63	WHE	375	350	7.0	65.000	150.000	H	200	J	20.000	G			22	30.000	
3907			SEE 2N404A															
40022	PG 605	3	RCA	32	32R	5.0	5.000	12.500	C	100	J	.300	G	1MA	30	70	1.000	
40050	PG 605	3	RCA	40	40	5.0	5.000	12.500	A	100	J	.500	G	500µA	30	90		
40051	PG 605	3	RCA	50	50R	5.0	5.000	12.500	A	100	J	.500	G	500µA	30	90		
40053			SEE 2N3053															
40080	NS 211	5	RCA		30		.250	.500	A	200	J	CB AMP		10µA	15			
40081	NS 211	5	RCA		60X	2.0	.250	2.000	C	200	J	CB AMP		10µA	15			
40082			SEE RF POWER SECTION															
40084	NS 211	18	RCA	60	40	5.0	1.000	1.800	C	200	J	100.000	G	250NA	30	112	.150	
40217			SEE 2N3261															
40218			SEE 2N3261															
40219			SEE 2N3261															
40220			SEE 2N3261															
40221			SEE 2N3261															
40222			SEE 2N3261															
40231	NS 170 J		RCA	18	18	5.0	.100	.500	A	175	J	60.000	G	10µA	12	80	.002	
40232	NS 170 J		RCA	18	18	5.0	.100	.500	A	175	J	60.000	G	10µA	12	175	.002	
40233	NS 170 J		RCA	18	18	5.0	.100	.500	A	175	J	60.000	G	10µA	12	175	.002	
40234	NS 170 J		RCA	18	18	5.0	.100	.400	A	175	J	60.000	G	10µA	12	80	.002	
40235	NS 217	104	RCA,NSC	45		4.5	.050	.180	A	175	J	1200.000	G	1µA	35	105	.001	
40236	NS 217	104	RCA,NSC	45		4.5	.050	.180	A	175	J	1200.000	G	1µA	35	158	.001	
40237	NS 217	104	RCA,NSC	45		4.5	.050	.180	A	175	J	1200.000	G	1µA	35	151	.001	
40238	NS 217	104	RCA,NSC	45		4.5	.050	.180	A	175	J	900.000	G	1µA	35	105	.001	
40239	NS 217	104	RCA,NSC	45		4.5	.050	.180	A	175	J	900.000	G	1µA	35	64	.001	
40240	NS 217	104	RCA,NSC	45		4.5	.050	.180	A	175	J	900.000	G	1µA	35	151	.001	
40242	NS 217	104	RCA,NSC	45	45	4.5	.050	.180	A	175	J	400.000	G	20NA	1	105	.001	
40243	NS 217	104	RCA,NSC	45	45	4.5	.050	.180	A	175	J	88.000	G	20NA	1	105	.001	
40244	NS 217	104	RCA,NSC	45	45	4.5	.050	.180	A	175	J	FM OSC		20NA	1	65	.001	
40245	NS 217	104	RCA,NSC	45	45	4.5	.050	.180	A	175	J	FM IF		20NA	1	173	.001	
40246	NS 217	104	RCA,NSC	45	45	4.5	.050	.180	A	175	J	FM IF		20NA	1	59	.001	
40250	NS 605	66	RCA	50	40	5.0	4.000	29.000	C	200	J	1.000	G	1MA	30	50	1.500	
40250V1	NS 720 A		RCA	50	40	5.0	4.000	5.800	A	200	J	1.000	G	1MA	30	50	1.500	
40251			SEE 2N6371															
40253	PG 120	1	RCA	25	25	2.5	.500	.125	A	90	J	1.000	G	14µA	12	76	.400	
40254	PG 605	3	RCA	32	32R	5.0	5.000	12.500	C	100	J	.300	G	3MA	30	70	1.000	
40261	PG 120	1	RCA	50		.5		.080	A	85	J	40.000	G	12µA	12	80		
40262	PG 120	1	RCA	50		.5		.080	A	85	J	30.000	G	12µA	12	160		
40263	PG 120	1	RCA	20	18R	2.5		.120	A	100	J	10.000	B	12µA	20	180		
40264	NS 622 A		RCA	300	300X	3.0		4.000	A	150	J	25.000	G	100µA	300	70		
40268	NG 211	18	RCA	25	15S	1.0	.100	.100	A	100	J	250.000	G	10µA	12	50	.001	
40269	PG 211	5	RCA	25		12.0	.100	.150	A	85	J	4.000	G	5µA	12	100	.012	
40279			SEE RF POWER SECTION															
40280			SEE RF POWER SECTION															
40281			SEE RF POWER SECTION															
40282			SEE RF POWER SECTION															
40283	NS 211	46	RCA	60	30	5.0		.400	A	200	J	250.000	G	500NA	30	10	.500	
40290			SEE RF POWER SECTION															
40291			SEE RF POWER SECTION															
40292			SEE RF POWER SECTION															
40294	NS 217	72	RCA	30	15	2.5	.040	.200	A	200	J	1000.000	G	10NA	15	70	.003	
40295	NS 217	72	RCA	35	20	3.0	.040	.200	A	200	J	700.000	G	10NA	15	80	.002	
40296	NS 217	72	RCA	30	15	2.5	.040	.200	A	200	J	1000.000	G	10NA	15	68	.003	
40305			SEE RF POWER SECTION															
40306			SEE RF POWER SECTION															
40307			SEE RF POWER SECTION															
40309	NS 210	5	RCA		18	2.5	.700	1.000	A	200	J	50.000	G	250NA	15	160	.050	
40310	NS 605	66	RCA		35	2.5	4.000	29.000	C	200	J	.375	G	10NA	15	50	1.000	
40311	NS 210	5	RCA		30	2.5	.700	1.000	A	200	J	50.000	G	250NA	15	160	.050	
40312	NS 605	66	RCA		60R	2.5	4.000	29.000	C	200	J	.375	G	10NA	15	50	1.000	
40313	NS 605	66	RCA		300R	2.5	2.000	35.000	C	200	J	AUD		5MA	150	100	.100	
40314	NS 210	5	RCA		40	2.5	.700	1.000	A	200	J	50.000	G	250NA	15	160	.050	
40315	NS 210	5	RCA		35	2.5	.700	1.000	A	200	J	50.000	G	250NA	15	160	.050	
40316	NS 605	66	RCA		40	5.0	4.000	29.000	C	200	J	.375	G	10µA	15	50	1.000	
40317	NS 210	5	RCA		40	2.5	.700	1.000	A	200	J	100.000	G	250NA	15	90	.010	
40318	NS 605	66	RCA		300R	6.0	2.000	35.000	C	200	J	AUD		5MA	150	80	.020	
40319	PS 210	5	RCA		40	2.5	.700	1.000	A	200	J	50.000	G	250NA	15	80	.050	
40320	NS 210	5	RCA		40	2.5	.700	1.000	A	200	J	AUD		250NA	15	90	.050	
40321	NS 210	5	RCA		300R	5.0	1.000	1.000	A	200	J	AUD		100µA	150	80	.020	
40322	NS 605	66	RCA		300R	6.0	2.000	35.000	C	200	J	AUD		5MA	150	80	.020	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
40323	NS 210	5	RCA		18	2.5	.700	1.000	A	200	J	50.000	G	250NA	15	160	.050
40324	NS 605	66	RCA		35	2.5	4.000	29.000	C	200	J	.375	G	10µA	15	50	1.000
40325	NS 605	3	RCA	35	35	5.0	15.000	117.000	C	200	J	AUD		5MA	30	28	8.000
40326	NS 210	5	RCA		40	2.5	.700	1.000	A	200	J	AUD		250NA	15	90	.010
40327	NS 210	5	RCA		300R	5.0	1.000	1.000	A	200	J	AUD		100µA	150	80	.020
40328	NS 605	66	RCA		300R	6.0	2.000	35.000	C	200	J	AUD		5µA	150	40	1.000
40329	NS 120	1	RCA	25	25R	2.5	.100	.125	A	100	J	.750	G	14µA	12	90	.025
40340			SEE RF POWER SECTION														
40341			SEE RF POWER SECTION														
40342	NS 540	60	RCA	65	65	4.0	3.000	23.000	C	200	J			250NA	30	20	.300
40343	NS 540	60	RCA	65	65	4.0	3.000	23.000	C	200	J			250NA	30	20	
40346	NS 211	5	RCA	200	175R		1.000	1.000	A	200	J	10.000	G	5µA	200	50	.010
40346V1	NS 722 A		RCA		175R		1.000	4.000	A	200	J	10.000	G	5µA	100	50	.010
40346V2	NS 635 B		RCA		175R		1.000	10.000	C	200	J	10.000	G	5µA	100	50	.010
40347	NS 211	5	RCA	60	40	7.0	1.000	1.000	A	200	J	.500	G	1µA	30	63	.450
40347V1	NS 722 B		RCA	60	40	7.0	1.500	4.400	A	200	J	.500	G	1µA	30	63	.450
40347V2	NS 635 B		RCA	60	40	7.0	1.500	11.700	C	200	J	.500	G	1µA	30	63	.450
40348	NS 211	5	RCA	90	65	7.0	1.500	1.000	A	200	J	.500	G	1µA	60	78	.300
40348V1	NS 722 B		RCA	90	65	7.0	1.500	4.400	A	200	J	.500	G	1µA	60	78	.300
40348V2	NS 635 B		RCA	90	65	7.0	1.500	11.700	C	200	J	.500	G	1µA	60	78	.300
40349	NS 211	5	RCA	160	140	7.0	1.500	1.000	A	200	J	.500	G	2µA	90	78	.150
40349V1	NS 722 B		RCA	160	140	7.0	1.500	4.400	A	200	J	.500	G	2µA	90	78	.150
40349V2	NS 635 B		RCA	160	140	7.0	1.500	11.700	C	200	J	.500	G	2µA	90	78	.150
40354	NS 211 L		RCA		150	5.0	.050	.500	A	175	J	50.000	G	100NA	120	56	.010
40355	NS 211 M		RCA		150	5.0	.050	1.000	A	175	J	50.000	G	100NA	120	56	.010
40359	PG 120	1	RCA	20	18R	2.5	.050	.120	A	100	J	10.000	B	12µA	15	100	.001
40360	NS 210	5	RCA		70	4.0	.700	1.000	A	200	J	100.000	G	1µA	60	90	.010
40361	NS 210	5	RCA		70R	4.0	.700	1.000	A	200	J	100.000	G	1µA	60	160	.050
40362	PS 210	5	RCA		70R	4.0	.700	1.000	A	200	J	100.000	G	1µA	60	90	.050
40363	NS 605	3	RCA		70R	4.0	15.000	115.000	C	200	J	.700	G	500µA	60	38	4.000
40364	NS 605	66	RCA		60R	4.0	7.000	35.000	C	200	J	15.000	G	500µA	50	80	.500
40366	NS 211	5	RCA	120	65	7.0	1.000	1.000	A	200	J	AUD		2NA	60	70	.150
40367	NS 211	5	RCA	100	55	12.0	1.500	1.000	A	200	J	LS SW		4µA	30	60	.200
40368	NS 170	8	RCA	100	55	12.0	3.000	25.000	C	200	J	AUD		9µA	30	60	.750
40369	NS 605	3	RCA	100	55	10.0	6.000	75.000	C	200	J	AUD		10µA	30	44	1.500
40372	NS 720 A		RCA	90	55	7.0	4.000	5.800	A	200	J	.800	G	1MA	90	50	.500
40373	NS 720 A		RCA	160	140	7.0	3.000	5.800	A	200	J	.800	G	1MA	140	40	.500
40374	NS 720 A		RCA	250	175	6.0	2.000	5.800	A	200	J	15.000	G	10MA	150	20	1.000
40375	NS 720 A		RCA	120	50	7.0	4.000	5.800	A	200	J	40.000	G	5MA	40	120	.500
40385	NS 211	5	RCA	450	350	7.0	1.000	1.000	A	200	J	AUD		20µA	300	80	.020
40389	NS 722 A		RCA	60	40	5.0	.700	3.500	A	200	J	.800	G	250NA	30	112	.150
40390	NS 722 A		RCA	300	250	7.0	1.000	3.500	A	200	J	8.666	G	50µA	200	80	.020
40391	PS 722 A		RCA	60	40	7.0	1.000	3.500	A	200	J	60.000	G	250NA	60	112	.150
40392	NS 635 B		RCA	60	40	5.0	.700	7.000	C	200	J	.800	G	250NA	30	112	.150
40394	PS 635 B		RCA	60	40	7.0	1.000	7.000	C	200	J	60.000	G	250NA	60	112	.150
40395	PG 120	1	RCA	20	18R	20.0	.050	.120	A	100	J	10.000	G	12µA	20		
40397	NS 211 L		RCA		25	7.5	.200	.400	A	175	J	50.000	G	100NA	25	246	.100
40398	NS 211 L		RCA		25	7.5	.200	.400	A	175	J	50.000	G	100NA	25	140	.100
40399	NS 211 L		RCA		18	7.0	.200	.400	A	175	J	50.000	G	500NA	12	246	.100
40400	NS 211 L		RCA		18	7.0	.200	.400	A	175	J	50.000	G	500NA	12	140	.100
40403	PG 212	5	RCA	30	20	20.0	.200	.200	A	85	J	5.000	B	6µA	20	68	.010
40404	NS 211	52	RCA	40	16	5.0	.500	.300	A	175	J	310.000	G	25NA	20	40	.050
40405	NS 211	52	RCA	40	16	6.0	.500	.300	A	175	J	300.000	G	400NA	15	40	.100
40406	PS 211	5	RCA		50	4.0	.700	1.000	A	200	J	100.000	G	1µA	40	80	.001
40407	NS 211	5	RCA		50	4.0	.700	1.000	A	200	J	100.000	G	1µA	40	90	.001
40408	NS 211	5	RCA		90	4.0	.700	1.000	A	200	J	100.000	G	1µA	80	90	.010
40409	NS 722 A		RCA		90R	4.0	.700	3.000	A	200	J	100.000	G	1µA	80	112	.150
40410	PS 722 A		RCA		90R	4.0	.700	3.000	A	200	J	100.000	G	1µA	80	112	.150
40411	NS 605	3	RCA		90R	4.0	30.000	150.000	A	200	J	800.000	G	500µA	80	60	4.000
40412	NS 211	5	RCA		250R		1.000	1.000	A	200	J	10.000	G	1MA	100	80	.030
40412V1	NS 722 A		RCA		250R		1.000	4.000	A	200	J	10.000	G	1MA	100	80	.030
40412V2	NS 635 B		RCA		250R		1.000	10.000	C	200	J	10.000	G	1MA	100	80	.030
40413	NS 217	72	RCA	35	20	3.0		.200	A	200	J	700.000	G	10NA	15	80	.002
40414	NS 217	72	RCA	30	15	2.5		.200	A	200	J	1000.000	G	10NA	15	58	.003
40421	PG 605	3	RCA,GPD	75	50	1.5	5.000	12.500	C	100	J	4.000	E	1MA	40	120	1.000
40422	NS 605	66	RCA	300	300X	2.0	.150	8.000	C	150	J	25.000	G	100µA	300	80	.050
40423	NS 720 B		RCA	300	300X	2.0	.150	3.800	A	150	J	25.000	G	100µA	300	80	.050
40424	NS 605	66	RCA	300	300X	2.0	.150	8.000	C	150	J	25.000	G	100µA	300	60	.050
40425	NS 720 B		RCA	300	300X	2.0	.150	3.800	A	150	J	25.000	G	100µA	300	60	.050
40426	NS 605	66	RCA	300	300X	2.0	.150	8.000	C	150	J	25.000	G	100µA	300	35	.050
40427	NS 720 B		RCA	300	300X	2.0	.150	3.800	A	150	J	25.000	G	100µA	300	35	.050
40439	PG 605	3	RCA,GPD	320	320	2.0	10.000	5.000	C	85	J	HOR AMP		200µA	10		
40440	PG 605	3	RCA,GPD	200	200	2.0	10.000	5.000	C	85	J	HOR AMP		200µA	10		
40444	NS 605	3	RCA	120	60	7.0	20.000	140.000	C	200	J	60.000	G	20MA	40	68	2.000
40446			SEE RF POWER SECTION														
40450	NS 211 M		RCA	30	25	7.5		1.000	A	175	J	175.000	G	100NA	25	150	.010
40451	NS 211 M		RCA	40	40	8.0		1.000	A	175	J	175.000	G	10NA	25	200	.010
40452	NS 211 M		RCA		40	8.0	.300	1.000	A	175	J	50.000	G	10NA	25	150	.010
40453	NS 211 M		RCA		25	7.5	.200	1.000	A	175	J	50.000	G	100NA	25	300	.010
40454	NS 211 M		RCA		25	7.5	.200	1.000	A	175	J	50.000	G	100NA	25	150	.010
40455	NS 211 M		RCA		18	7.0	.200	1.000	A	175	J	50.000	G	500NA	12	300	.010
40456	NS 211 M		RCA		18	7.0	.200	1.000	A	175	J	50.000	G	500NA	12	150	.010
40458	NS 211	104	RCA	60	40	8.0	1.000	.500	A	175	J	150.000	G	10NA	25	150	.010
40459	NS 211 M		RCA	60	40	8.0	1.000	1.000	A	175	J	150.000	G	10NA	25	150	.010
40462	PG 605	3	RCA,GPD	40	40	5.0	5.000	12.500	C	100	J	.600	G	500µA	30	70	1.000
40464	NS 605	3	RCA	35	35	4.0	5.000	40.000	C	150	J	2.000	G	250µA	35	60	2.000
40465	NS 605	3	RCA	40	40	4.0	5.000	40.000	C	150	J	3.000	G	100µA	40	90	2.000
40466	NS 605	3	RCA	50	50	4.0	5.000	40.000	C	150	J	3.000	G	100µA	50	90	2.000
40469	NS 218	104	RCA	45		3.0	.050	.180	A	175	J	800.000	G	1µA	45	80	.001
40470	NS 218	104	RCA	45		3.0	.050	.180	A	175	J	700.000	G	1µA	45	80	.001
40471	NS 218	104	RCA	45		3.0	.050	.180	A	175	J	700.000	G	1µA	45	52	.001
40472	NS 218	104	RCA,NSC	45		3.0	.050	.180	A	175	J	900.000	G	1µA	45	105	.001
40473	NS 218	104	RCA,NSC	45		3.0	.050	.180	A	175	J	900.000	G	1µA	45	158	.001
40474	NS 218	104	RCA,NSC	45		3.0	.050	.180	A	175	J	900.000	G	1µA	45	151	.001
40475	NS 218	104	RCA,NSC	45		3.0	.050	.180	A	175	J	800.000	G	1µA	45	105	.001
40476	NS 218	104	RCA,NSC	45		3.0	.050	.180	A	175	J	800.000	G	1µA	45	64	.001
40477	NS 218	104	RCA,NSC	45		3.0	.050	.180	A	175	J	800.000	G	1µA	45	151	.001
40478	NS 218	104	RCA,NSC	45	45	3.0	.050	.180	A	175	J	800.000	G	20NA	1	105	.001
40479	NS 218	104	RCA,NSC	45	45	3.0	.050	.180	A	175	J	800.000	G	20NA	1	105	.001
40480	NS 218	104	RCA,NSC	45	45	3.0	.050	.180	A	175	J	800.000	G	20NA	1	151	.001
40481	NS 218	104	RCA,NSC	45	45	3.0	.050	.180	A	175	J	860.000	G	20NA	1	172	.001
40482	NS 218	104	RCA,NSC	45	45	3.0	.050	.180	A	175	J	860.000	G	20NA	1	59	.001
40487	PG 120	1	RCA	50	34X	1.5	.010	.080	A	85	J	40.000	G	12µA	12	150	.001
40488	PG 120	1	RCA	12	12X	.5	.010	.080	A	85	J	30.000	G	12µA	12	80	.001
40489	PG 120	1	RCA	50	34X	.5	.010	.080	A	85	J	30.000	G	12µA	12	180	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)					
40490	PG 120	1	RCA	20	18R	2.5	.020	.120	A	100	J	10.000	B	12μA	20	300	.001
40491	NS 720 B		RCA	300	300	2.0	.150	3.800	A	150	J	25.000	G	100μA	300	60	.050
40513	NS 981 A		RCA		45R	5.0	6.000	83.000	C	150	J	1.800	G			45	2.500
40514	NS 981 A		RCA		45R	5.0	6.000	83.000	C	150	J	1.800	G			45	2.500
40517	NS 217	72	RCA	30	15	2.5	.040	.200	A	200	J	1000.000	G	10NA	15	66	.003
40518	NS 217	72	RCA	30	15	2.5	.040	.200	A	200	J	1000.000	G	10NA	15	66	.003
40519	NS 211	52	RCA		16	5.0	.500	.300	A	175	J	300.000	G	25NA	20	40	.050
40537	PS 211	5	RCA		55R	5.0	.700	1.000	A	200	J	100.000	G	10μA	45	125	.050
40538	PS 211	5	RCA		55R	5.0	.700	1.000	A	200	J	100.000	G	10μA	45	37	.500
40539	NS 211	5	RCA		55R	5.0	.700	1.000	A	200	J	100.000	G	10μA	45	37	.500
40542	NS 980 A		RCA		50R	5.0	6.000	83.000	C	150	J	.800	G	1MA	40	38	2.500
40543	NS 980 A		RCA		60R	5.0	8.000	83.000	C	150	J	.800	G	1MA	50	38	3.000
40544	NS 635 B		RCA		50R	5.0	.700	7.000	C	200	J	100.000	G	10μA	40	85	.050
40546	NS 605	66	RCA		250X	2.0	.150	8.000	H	150	J	25.000	G	100μA	250	88	.050
40547	NS 605	66	RCA		250X	2.0	.150	8.000	H	150	J	25.000	G	100μA	250	82	.050
40577			SEE RF POWER SECTION														
40578			SEE RF POWER SECTION														
40581			SEE RF POWER SECTION														
40582			SEE RF POWER SECTION														
40594	NS 211	5	RCA		95R	4.0	2.000	1.200	A	200	J	50.000	G	10μA	85	158	.300
40595	PS 211	5	RCA		95R	4.0	2.000	1.200	A	200	J	50.000	G	10μA	85	158	.300
40605			SEE RF POWER SECTION														
40608	NS 211	39	RCA	40	40R	2.0	.400	3.500	C	200	J	700.000	G	100μA	20	65	.050
40611	NS 211	5	RCA		25	2.5	.700	1.000	A	200	J	50.000	G	500NA	15	195	.050
40612	PG 605	3	RCA,GPD		25R	5.0	5.000	12.500	C	100	J	.300	G	3μA	30	90	1.000
40613	NS 53 A		RCA		25	5.0	4.000	36.000	C	150	J	.800	G	2μA	25	60	1.000
40616	NS 211	5	RCA		32	2.5	.700	1.000	A	200	J	50.000	G	500NA	15	195	.050
40618	NS 53 A		RCA		30	5.0	4.000	36.000	C	150	J	.800	G	2μA	30	60	1.000
40621	NS 53 A		RCA		32	5.0	4.000	36.000	C	150	J	.800	G	500NA	30	50	1.500
40622	NS 53 A		RCA		40	5.0	4.000	36.000	C	150	J	.800	G	500μA	40	50	1.500
40623	PG 605	3	RCA,GPD		45R	5.0	5.000	12.500	C	100	J	.500	G	500μA	30	110	1.000
40624	NS 53 A		RCA		45	5.0	6.000	50.000	C	150	J	AUD		500μA	45	45	2.500
40625	NS 722 B		RCA	60	45	7.0	1.000	3.500	A	200	J	70.000	G	250NA	60	175	.150
40626	PG 605	3	RCA,GPD		55R	5.0	5.000	12.500	C	100	J	.500	G	500μA	30	110	1.000
40627	NS 53 A		RCA		55	5.0	6.000	50.000	C	150	J	AUD		500μA	55	45	2.500
40628	NS 722 B		RCA	60	55	7.0	1.000	3.500	A	200	J	70.000	G	250NA	60	175	.150
40629	NS 53 A		RCA		35R	5.0	4.000	36.000	C	150	J	.800	G	500μA	30	38	1.000
40630	NS 53 A		RCA		40R	5.0	4.000	36.000	C	150	J	.800	G	500μA	35	38	1.500
40631	NS 53 A		RCA		45R	5.0	4.000	36.000	C	150	J	.800	G	500μA	40	38	2.000
40632	NS 53 A		RCA		60R	5.0	6.000	50.000	C	150	J	AUD		500μA	50	38	3.000
40633	NS 980 A		RCA		75R	5.0	8.000	83.000	C	200	J	.800	G	500μA	65	38	4.000
40634	PS 211	5	RCA		75R	7.0	.700	1.000	A	200	J	60.000	G	10μA	65	112	.150
40635	NS 211	5	RCA		75R	7.0	.700	1.000	A	200	J	100.000	G	10μA	65	112	.150
40636	NS 605	3	RCA		95R	7.0	15.000	115.000	C	200	J	AUD		500μA	85	38	4.000
40637	NS 211	52	RCA		30S	5.0	.100	.300	A	175	J	100.000	G				
40637A			SEE RF POWER SECTION														
40665			SEE RF POWER SECTION														
40666			SEE RF POWER SECTION														
40953			SEE RF POWER SECTION														
40954			SEE RF POWER SECTION														
40955			SEE RF POWER SECTION														
40967			SEE RF POWER SECTION														
40968			SEE RF POWER SECTION														
40970			SEE RF POWER SECTION														
40971			SEE RF POWER SECTION														
40972			SEE RF POWER SECTION														
40973			SEE RF POWER SECTION														
40974			SEE RF POWER SECTION														
40975			SEE RF POWER SECTION														
40976			SEE RF POWER SECTION														
40977			SEE RF POWER SECTION														
40989			SEE 2N6389														
41008			SEE RF POWER SECTION														
41009			SEE RF POWER SECTION														
41010			SEE RF POWER SECTION														
41024			SEE RF POWER SECTION														
41025			SEE RF POWER SECTION														
41026			SEE RF POWER SECTION														
41027			SEE RF POWER SECTION														
41028			SEE RF POWER SECTION														
41038			SEE RF POWER SECTION														
41039			SEE RF POWER SECTION														
41042			SEE RF POWER SECTION														
41044			SEE RF POWER SECTION														
41500	NS 54	220 AB	RCA	35	25	3.0	7.000	1.800	A	150	J	4.000	G			25	1.000
41501	PS 54	220 AB	RCA	35	25	3.0	7.000	1.800	A	150	J			250μA	30	25	1.000
41502	NS 211	39	RCA		30	4.0	1.000	.800	A	200	J			2μA	15	20	.150
41503	PS 211	39	RCA		30	4.0	1.000	1.000	A	200	J			2μA	15	20	.150
41504	NS 54	220 AB	RCA		35R	4.0	4.000	36.000	C	150	J	.800	G	5MA	20	25	1.000
41505	NS 46 A		RCA		200	7.0	1.000	20.000	C	135	J	20.000	G	50μA	150	20	.050
41506	NS 605	3	RCA	200	200	4.0	3.000	100.000	C	200	J					8	2.000
43104	NS 605	3	RCA	160	140	7.0	16.000	150.000	C	200	J	.200	G	2MA	140	38	8.000
95101			SEE 2N1526														
95102			SEE 2N1524														
95103			SEE 2N1524														
95107			SEE 2N1526														
95108			SEE 2N1745														
95109			SEE 2N501														
95110			SEE 2N501														
95111			SEE 2N1865														
95112			SEE 2N2711														
95113			SEE 2N2712														
95114			SEE 2N193														
95115			SEE 2N211														
95116			SEE 2N769														
95117			SEE 2N769														
95201			SEE 2N406														
95202			SEE 2N649														
95203			SEE 2N408														
95204			SEE 2N270														
95208			SEE 2N2374														
95209			SEE 2N2376														
95212			SEE 2N321														
95214			SEE 2N406														
99101			SEE 2SA84														

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
99102			SEE 2SA83													
99103			SEE 2SA83													
99104			SEE 2SA15													
99201			SEE 2SB75													
99203			SEE 2SB77													
99204			SEE 2SB89													
A3T2221	NS 926	120	TII	60	30	5.0	.500	.225	A	150	S	250.000	G	10NA	50	70	.150
A3T2221A	NS 926	120	TII	75	40	6.0	.500	.225	A	150	S	250.000	G	10NA	60	70	.150
A3T2222	NS 926	120	TII	60	30	5.0	.500	.225	A	150	S	250.000	G	10NA	50	175	.150
A3T2222A	NS 926	120	TII	75	40	6.0	.500	.225	A	150	S	300.000	G	10NA	60	175	.150
A3T2484	NS 926	120	TII	60	60	6.0	.050	.225	A	150	S	60.000	G	10NA	45	225	.001
A3T2894	PS 926	120	TII	12	12	4.0	.200	.225	A	150	S	400.000	G	80NA	6	68	.030
A3T2906	PS 926	120	TII	60	40	5.0	.500	.225	A	150	S	200.000	G	50NA	30	70	.150
A3T2906A	PS 926	120	TII	60	60	5.0	.500	.225	A	150	S	200.000	G	50NA	30	70	.150
A3T2907	PS 926	120	TII	60	40	5.0	.500	.225	A	150	S	200.000	G	50NA	30	175	.150
A3T2907A	PS 926	120	TII	60	60	5.0	.500	.225	A	150	S	200.000	G	50NA	30	175	.150
A3T3011	NS 926	120	TII	30	30	5.0	.200	.225	A	150	S	400.000	G	400NA	20	60	.010
A3T918	NS 926	120	TII	30	15	3.0	.050	.225	A	150	S	600.000	G	10NA	15	30	.003
A3T929	NS 926	120	TII	45	45	6.0	.050	.225	A	150	S	30.000	G	10NA	45	70	.001
A3T930	NS 926	120	TII	45	45	6.0	.050	.225	A	150	S	30.000	G	10NA	45	175	.001
A104	NS 211	18	AMP	20		4.0	.030	.300	A			30.000	G	100NA		100	
A106	NS 211	18	AMP	20		4.0	.030	.300	A			30.000	G	100NA		90	
A108	NS 211	18	AMP	20		4.0	.030	.300	A			30.000	G	100NA		180	
A110	NS 211	18	AMP	20		4.0	.030	.300	A			30.000	G	100NA		360	
A111	NS 211	18	AMP	30		4.0	.030	.300	A			30.000	G	100NA		180	
A115	NS 211	18	AMP	30		4.0	.030	.300	A			30.000	G	110NA		50	
A116	NS 211	18	AMP	30		4.0	.030	.300	A			30.000	G	100NA		110	
A130	NS 211	5	AMP	90		4.0		.300	A			20.000	G	500NA		20	
A141	NS 43 A		AMP	20			.050	.030	A			150.000	G			130	.001
A142	NS 43 A		AMP	20			.050	.030	A			150.000	G			220	.001
A143	NS 43 A		AMP	20			.050	.030	A			150.000	G			380	.001
A151	NS 133 A		AMP	20			.050	.030	A			150.000	G			130	.001
A152	NS 133 A		AMP	20			.050	.030	A			150.000	G			220	.001
A153	NS 133 A		AMP	20			.050	.030	A			150.000	G			380	.001
A157B	NS 210	18	AMP	45		5.0	.100	.300	A			300.000	G			300	.002
A157C	NS 210	18	AMP	45		5.0	.100		A			300.000	G			600	.002
A158B	NS 210	18	AMP	20		5.0	.100	.300	A			300.000	G			300	.002
A158C	NS 210	18	AMP	20		5.0	.100	.300	A			300.000	G			600	.002
A159B	NS 210	18	AMP	20		5.0	.100	.300	A			300.000	G			300	.002
A159C	NS 210	18	AMP	20		5.0	.100	.300	A			300.000	G			600	.002
A177	PS 210	18	AMP	50		5.0	.200	.300	A			130.000	G			140	.002
A178A	PS 210	18	AMP		25	5.0	.100	.300	A			130.000	G			180	.002
A178B	PS 210	18	AMP		25	5.0	.100	.300	A			130.000	G			180	.002
A179A	PS 210	18	AMP		25	5.0	.100	.300	A			130.000	G			180	.002
A179B	PS 210	18	AMP		25	5.0	.100		A			130.000	G			290	.002
A201	NS 540	60	AMP	36			1.500	11.600	A			400.000	G			3	
A202	NS 540	60	AMP	36			3.000	23.200	A			400.000	G			3	
A210	NS 210	39	AMP	40			.200	.700	A			1200.000	G			38	.150
A211	NS 210	39	AMP	40			.200	.700	A			800.000	G			38	.150
A306	NS 210	18	AMP	25	20	5.0		.360	A	200	J	100.000	G	10NA	15	140	
A307	NS 210	18	AMP	25	20	5.0		.360	A	200	J	100.000	G	10NA	15	350	
A310	NS 211	5	AMP	135		3.0		.300	A			80.000	G	500NA		20	
A311	NS 211	5	AMP	80		3.0		.300	A			60.000	G	500NA		20	
A321	NS 211	18	AMP	30		5.0	.030	.300	A			30.000	G	100NA	30	80	.001
A322	NS 211	18	AMP	30		5.0	.030	.300	A			30.000	G	100NA	30	300	.001
A323	NS 211	18	AMP	60		6.0	.030	.300	A	175	J	30.000	G	10NA	45	270	.010
A324	NS 211	18	AMP	60		6.0	.030	.300	A	175	J	30.000	G	10NA	45	450	.010
A344	NS 210	18	AMP	20	15	5.0	.200	.300	A	175	J	350.000	G	100NA	20	32	.100
A345	NS 210	18	AMP	20	15	5.0	.200	.300	A	175	J	350.000	G	100NA	20	26	.100
A346	NS 210	18	AMP	20	15	5.0	.200	.300	A	175	J	350.000	G	100NA	20	38	.100
A415	NS 218	72	AMP	50	10		.030	.165	A			200.000	G			10	.001
A417	NS 218	72	AMP		20	5.0	.030	.145	A			250.000	G			22	
A418	NS 218	72	AMP		20	5.0	.030	.145	A			200.000	G			22	
A419	NS 218	72	AMP		20	5.0	.030	.145	A			200.000	G			90	
A420	NS 218	72	AMP		20	5.0	.030	.145	A			200.000	G			112	
A430	NS 217	72	AMP		10	2.5	.050	.250	A			1600.000	G			12	
A467	NS 218	72	AMP		40		.030	.150	A			235.000	G			80	
A473	NS 218	72	AMP		40		.035	.230	A			550.000	G			100	
A482	NS 218	72	AMP		10		.015	.130	A			675.000	G				
A483	NS 218	72	AMP		10		.015	.130	A			600.000	G				
A484	NS 218	72	AMP				.020	.130	A			550.000	G				
A485	NS 217	72	AMP	30		2.5	.030	.200	A	200	J	1000.000	G	10NA	15	63	.002
A490	NS 217	72	AMP	30		2.5	.030	.200	A	200	J	1000.000	G	10NA	15	70	.015
A492	NS 217	72	AMP	30		2.5	.030	.200	A	200	J	800.000	G	10NA	15	25	.002
A496	NS 984 A		AMP		30	4.0	.025	.250	A			400.000	G				
A497	NS 984 A		AMP		25	4.0	.025	.250	A			550.000	G				
A580-0402	NS 605	3	WHE		50X	25.0	10.000	175.000	C	175	J	.250	G	10MA	50	22	2.000
A580-0403	NS 605	3	WHE		50X	25.0	10.000	175.000	C	175	J	.250	G	10MA	50	22	3.000
A580-0405	NS 605	3	WHE		50X	25.0	10.000	175.000	C	175	J	.250	G	10MA	50	22	5.000
A580-0802	NS 605	3	WHE		90X	25.0	10.000	175.000	C	175	J	.250	G	10MA	90	22	2.000
A580-0803	NS 605	3	WHE		90X	25.0	10.000	175.000	C	175	J	.250	G	10MA	90	22	3.000
A580-0805	NS 605	3	WHE		90X	25.0	10.000	175.000	C	175	J	.250	G	10MA	90	22	5.000
A580-1202	NS 605	3	WHE		130X	25.0	10.000	175.000	C	175	J	.250	G	10MA	130	22	2.000
A580-1203	NS 605	3	WHE		130X	25.0	10.000	175.000	C	175	J	.250	G	10MA	130	22	3.000
A580-1205	NS 605	3	WHE		130X	25.0	10.000	175.000	C	175	J	.250	G	10MA	130	22	5.000
A580-1602	NS 605	3	WHE		170X	25.0	10.000	175.000	C	175	J	.250	G	10MA	170	22	2.000
A580-1603	NS 605	3	WHE		170X	25.0	10.000	175.000	C	175	J	.250	G	10MA	170	22	3.000
A580-1605	NS 605	3	WHE		170X	25.0	10.000	175.000	C	175	J	.250	G	10MA	170	22	5.000
A580-1802	NS 605	3	WHE		190X	25.0	10.000	175.000	C	175	J	.250	G	10MA	190	22	2.000
A580-1803	NS 605	3	WHE		190X	25.0	10.000	175.000	C	175	J	.250	G	10MA	190	22	3.000
A580-1805	NS 605	3	WHE		190X	25.0	10.000	175.000	C	175	J	.250	G	10MA	190	22	5.000
A580-2002	NS 605	3	WHE		210X	25.0	10.000	175.000	C	175	J	.250	G	10MA	210	22	2.000
A580-2003	NS 605	3	WHE		210X	25.0	10.000	175.000	C	175	J	.250	G	10MA	210	22	3.000
A580-2005	NS 605	3	WHE		210X	25.0	10.000	175.000	C	175	J	.250	G	10MA	210	22	5.000
A580-2202	NS 605	3	WHE		230X	25.0	10.000	175.000	C	175	J	.250	G	10MA	230	22	2.000
A580-2203	NS 605	3	WHE		230X	25.0	10.000	175.000	C	175	J	.250	G	10MA	230	22	3.000
A580-2205	NS 605	3	WHE		230X	25.0	10.000	175.000	C	175	J	.250	G	10MA	230	22	5.000
A580-2402	NS 605	3	WHE		250X	25.0	10.000	175.000	C	175	J	.250	G	10MA	250	22	2.000
A580-2403	NS 605	3	WHE		250X	25.0	10.000	175.000	C	175	J	.250	G	10MA	250	22	3.000
A580-2405	NS 605	3	WHE		250X	25.0	10.000	175.000	C	175	J	.250	G	10MA	250	22	5.000
A667-GRN	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	350	
A667-ORG	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	136	
A667-RED	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	76	
A667-YEL	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	224	
A668-GRN	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	350	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
A668-ORG	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	136	
A668-YEL	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	224	
A669-GRN	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	350	
A669-YEL	NS 45	98	GEC	18	18	5.0	.100	.200	A	100	J			500NA	18	224	
A747	NS 985 A		AMP	45		5.0	.100	.300	A			250.000	G			250	.010
A748	NS 985 A		AMP	20		5.0	.100	.300	A			250.000	G			10	.002
A749	NS 985 A		AMP	20		5.0	.100	.300	A			95.000	G			300	.001
A757	PS 985 A		AMP	50		5.0	.200	.220	A			130.000	G			140	
A758	PS 985 A		AMP		25	5.0	.100	.220	A			130.000	G			200	
A759	PS 985 A		AMP		20	5.0	.100	.220	A			130.000	G			200	
A777	NS 211	5	AMP	85		5.0	.050	.600	A			120.000	G			20	
A778	NS 211	5	AMP	145		5.0	.050	.600	A			120.000	G			20	
A779	NS 211	5	AMP	200		5.0	.050	.600	A			120.000	G			20	
A1238	NS 210	18	AMP	30	20	5.0		.360	A	200	J	50.000	G	20NA	30	200	
A1243	SEE 2N3399																
A1379	NS 210	18	AMP	30	25	5.0	.030	.600	A	175	J	20.000	G	10NA	5	60	
A1380	NS 210	18	AMP	30	25	5.0	.030	.600	A	175	J	20.000	G	10NA	5	200	
A1383	PG 217	12	AMP	32	15	1.2	.030	.120	A	100	J	40.000	G	3μA	10	100	.001
A1384	PG 210	39	AMP	32	32		.030	.120	A	90	J	80.000	G	3μA	10	70	.001
AA1	PG 120	1	WTV									CON					
AA2	NS 210	5	WTV									CON					
AA3	PG 75	7	WTV									RF AMP					
AA4	PG 605	3	WTV									AUD					
AA5	PG 405	39	WTV									AUD					
AC105	SEE AC117																
AC106	SEE AC117																
AC107	PG 55 A		AMP,RAD	15	5	5.0	.005	.080	A	75	J	2.000	B	3μA	5	60	
AC116-GRN	PG 210 K		TFK	30	18	12.0	.100	.145	A	90	J	.015	B	5μA	6	112	.004
AC116-YEL	PG 210 K		TFK	30	18	12.0	.100	.145	A	90	J	.015	B	5μA	6	75	.004
AC117	PG 210 K		TFK	32	18	10.0	1.000	.260	A	90	J	.010	B	6μA	6	75	.150
AC121	PG 120	1	SIH	20	20	10.0	.300	.900	A	90	J	1.500	G	25μA	20	92	.100
AC122-GRN	PG 210 C		TFK	30	18	12.0	.200	.130	A	90	J	.015	B	5μA	6	114	.002
AC122-RED	PG 210 C		TFK	30	18	12.0	.200	.130	A	90	J	.015	B	5μA	6	52	.002
AC122-VIO	PG 210 C		TFK	30	18	12.0	.200	.130	A	90	J	.015	B	5μA	6	166	.002
AC122-WHT	PG 210 C		TFK	30	18	12.0	.200	.130	A	90	J	.015	B	5μA	6	230	.002
AC122-YEL	PG 210 C		TFK	30	18	12.0	.200	.130	A	90	J	.015	B	5μA	6	76	.002
AC122/30-GRN	PG 210 C		TFK	45	32	12.0	.200	.130	A	90	J	.015	B	5μA	6	114	.002
AC122/30-RED	PG 210 C		TFK	45	32	12.0	.200	.130	A	90	J	.015	B	5μA	6	52	.002
AC122/30-VIO	PG 210 C		TFK	45	32	12.0	.200	.130	A	90	J	.015	B	5μA	6	166	.002
AC122/30-WHT	PG 210 C		TFK	45	32	12.0	.200	.130	A	90	J	.015	B	5μA	6	230	.002
AC122/30-YEL	PG 210 C		TFK	45	32	12.0	.200	.130	A	90	J	.015	B	5μA	6	76	.002
AC123-GRN	PG 210 K		TFK	45	32	12.0	.100	.145	A	90	J	.015	B	6μA	30	112	.004
AC123-YEL	PG 210 K		TFK	45	32	12.0	.100	.145	A	90	J	.015	B	6μA	30	75	.004
AC124	PG 210 K		TFK	45	32	10.0	1.000	.260	A	90	J	.011	B	6μA	6	105	.150
AC125	PG 170 A		RAD	32	32		.200	.500	A	75	J	1.700	B			130	
AC126	PG 170 A		RAD	32	32		.200	.500	A	75	J	2.300	B			220	
AC127	NG 170 A		RAD,SIH	32	32R	10.0	.500	.340	A	90	J	1.700	G	10μA	1	50	.500
AC127Z	NG 120	1	MUL	32	50R		.500	.340	A			HG BOUT				50	.500
AC128	PG 170 A		RAD	32	32		1.000	.650	A	90	J	1.500	B			90	
AC129	PG 901 A		TFK	9	6	5.0		.030	A	60	J	AUD		800NA	2	30	
AC130	NG 170 A		RAD	20	15		.100	.145	A	90	J	2.000	B			50	
AC131	PG 210 C		TFK	30	18	10.0	1.000	.215	A	90	J	.010	B	6μA	6	120	.150
AC131/30	PG 210 C		TFK	45	32	10.0	1.000	.215	A	90	J	.010	B	6μA	6	120	.150
AC132	PG 170 A		RAD	32	32		.200	.500	A	75	J	2.000	B			150	
AC150-GRN	PG 210 C		TFK	30	18	12.0	.050	.060	A	75	J	.015	B	5μA	6	112	.002
AC150-VIO	PG 210 C		TFK	30	18	12.0	.050	.060	A	75	J	.015	B	5μA	6	165	.002
AC150-WHT	PG 210 C		TFK	30	18	12.0	.050	.060	A	75	J	.015	B	5μA	6	240	.002
AC150-YEL	PG 210 C		TFK	30	18	12.0	.050	.060	A	75	J	.015	B	5μA	6	75	.002
AC151	PG 120	1	SIH	32	24	10.0	.200	.900	A	90	J	1.500	G	25μA	32	47	.002
AC151R	PG 120	1	SIH	32	24	10.0	.200	.900	A	90	J	1.500	G	25μA	32	47	.002
AC152	PG 120	1	SIH	32	24	10.0	.500	.900	A	90	J	1.500	G	25μA	32	68	.100
AC153	PG 120	1	SIH	32	18	10.0	2.000	1.000	A	90	J	1.500	G	10μA	10	112	.300
AC153K	PG 210 K		SIH	32	18	10.0	2.000	1.000	A	90	J	1.500	G	10μA	10	112	.300
AC160-GRN	PG 210 C		TFK	15	10	10.0		.030	A	75	J	.050	B	500NA	5	110	.001
AC160-RED	PG 210 C		TFK	15	10	10.0		.030	A	75	J	.050	B	500NA	5	50	.001
AC160-VIO	PG 210 C		TFK	15	10	10.0		.030	A	75	J	.050	B	500NA	5	184	.001
AC160-YEL	PG 210 C		TFK	15	10	10.0		.030	A	75	J	.050	B	500NA	5	76	.001
AC162	PG 120	1	SIH	32	24	10.0	.200	.900	A	90	J	1.700	G	25μA	32	93	.002
AC163	PG 120	1	SIH	32	24	10.0	.200	.900	A	90	J	2.300	G	25μA	32	125	.002
AC170	PG 210 C		TFK	32	32S	10.0	.200	.090	A	90	J	1.700	G	10μA	10	125	.002
AC171	PG 210 C		TFK	32	32S	10.0	.200	.090	A	90	J	2.300	G	10μA	10	180	.002
AC175	NG 210 K		TFK	25	18	10.0	1.000	.260	A	90	J	.020	B	35μA	15	150	.300
AC176	NG 120	1	SIH	32	18	10.0	1.000	1.000	A	90	J	3.000	G	35μA	10	112	.300
AC176K	NG 210 K		SIH	32	18	10.0	1.000	1.000	A	90	J	3.000	G	35μA	10	112	.300
AC178	PG 210 K		TFK	20	15	10.0	.700	.180	A	90	J	.010	B	6μA	6	185	.050
AC179	NG 210 K		TFK	20	15	10.0	.700	.180	A	90	J	.020	B	10μA	6	185	.050
AC186	NG 210 C		TFK	30	18	10.0	.700	.215	A	90	J	.020	B	35μA	15	120	.150
AC187	NG 120	1	MUL	25	15		2.000	.800	H	90	J	5.000	G	15μA	10	200	.300
AC187/01	NG 120	1	PHI	32	20		1.000	1.000	A			AUD	G			325	.500
AC187K	NG 210 K		SIH,TFK	25	15	10.0	1.000	1.000	A	90	J	5.000	G	35μA	10	300	.300
AC188	PG 120	1	MUL	25	15		2.000	.800	H	90	J	1.500	G	20μA	25	200	.300
AC188/01	PG 120	1	PHI	32	20		1.000	1.000	A			AUD	G			325	.500
AC188K	PG 210 K		SIH,TFK	25	15	10.0	1.000	1.000	A	90	J	1.500	G	15μA	10	300	.300
ACY16	PG 210 K		TFK	40	30	10.0	.400	.800	H	85	J	.010	B	8μA	30	60	.300
ACY23	PG 120	1	SIH	32	30	16.0	.200	.150	A	90	J	1.500	G	10μA	10	88	.001
ACY24	PG 210 K		TFK	70	50	30.0	.300	.170	A	85	J	.009	B	12μA	25	42	.150
ACY32	PG 120	1	SIH	32	30	16.0	.200	.150	A	90	J	1.500	G	10μA	10	88	.001
ACY33	PG 120	1	SIH	32	32R	10.0	1.000	1.100	C	90	J	1.500	G	10μA	10	163	.300
ACZ10	PG 55 F		TFK	70	50	30.0	.300	.400	C	75	J			25μA	6		
AD130	PG 605	3	SIH	32	30	10.0	3.000	30.000	C	90	J	.350	G	1MA	32	45	1.000
AD131	PG 605	3	SIH	64	45	20.0	3.000	30.000	C	90	J	.350	G	1MA	64	45	1.000
AD132	PG 605	3	SIH	80	60	20.0	3.000	30.000	C	90	J	.350	G	1MA	80	45	1.000
AD133	PG 609 A		SIH	50	32	10.0	15.000	36.000	C	100	J	.300	G	1MA	50	45	5.000
AD136	PG 170	8	SIH	40	30	10.0	10.000	11.000	C	100	J	.300	G	1MA	40	68	5.000
AD138	PG 605	3	TFK	40	30	10.0	15.000	30.000	C	90	J	.005	B	100μA	30	42	5.000
AD139	PG 605 F		TFK	32	16	10.0	3.000	11.000	C	90	J	.010	B	100μA	10	48	1.000
AD148	PG 605 A		SIH	32	26	10.0	3.500	13.500	C	100	J	.450	G	1MA	32	55	1.000
AD149	PG 605	3	TFK,SIH,MUL	50	30	20.0	3.500	27.500	H	100	J	.500	G	1MA	32	43	3.000
AD150	PG 605	3	SIH,TFK	32	30	10.0	3.500	27.500	H	100	J	.450	G	1MA	32	43	3.000
AD152	PG 605 F		TFK	45	23	12.0	1.000	6.000	H	90	J	.011	B	20μA	6	78	.500
AD155	PG 605 F		TFK	25	15	12.0	1.000	6.000	H	90	J	.011	B	20μA	6	115	.500
AD159	PG 171	8	TFK	40	25	10.0	8.000	9.000	C	90	J	.008	B	800μA	40	48	5.000
AD160	PG 171	8	TFK	40	30	10.0	10.000	9.000	C	90	J	.008	B	800μA	40	105	5.000
AD161	NG 605 F		SIH,MUL,TFK	32	20	10.0	1.000	4.000	H	90	J	3.000	G	50μA	20	150	.500
AD162	PG 605 F		SIH,MUL,TFK	32	20	10.0	1.000	6.000	H	90	J	1.500	G	40μA	20	190	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
AD163	PG 605 K	3	SIH	100	80	20.0	3.000	30.000	C	90	J	.350	G	1MA	100	45	1.000
AD164	PG 605 K		TFK	25	20	10.0	1.000	6.000	H	90	J	.011	B	20µA	6	185	.500
AD165	NG 605 K		TFK	25	20	10.0	1.000	5.300	H	90	J	.020	B	15µA	6	185	.500
ADY26	PG 405	36	RAD	80	60	50.0	25.000	80.000	C	90	J	.100	B			30	
ADY27	PG 605	3	SIH	32	30	10.0	3.500	27.500	C	100	J	.450	G	500µA	32	55	1.000
ADZ11	PG 405	36	RAD,MUL	50	40	30.0	20.000	80.000	C	90	J	.100	B			35	
ADZ12	PG 405	36	RAD,MUL	80	60	50.0	15.000	80.000	C	90	J	.100	B			25	
AF101	PG 55 D		TFK	20	12	8.0		.075	A	75	J	9.000	G	1µA	6	50	
AF102			SEE 2N2494														
AF105	PG 55 D		TFK	25	12	.8		.075	A	75	J	22.000	G	2µA	6	60	
AF106	PG 217	72	TFK,SIH	25	18	.3	.010	.060	A	90	J	220.000	G	500NA	12	70	.002
AF109R	PG 217	72	SIH,TFK	20	15	.3	.010	.060	A	90	J	260.000	G	500NA	20	55	.002
AF114			SEE 2N2089														
AF115			SEE 2N2089														
AF116			SEE 2N2092														
AF117			SEE 2N2092														
AF118	PG 75	7	SIH,MUL	70		.5	.030	.375	A	75	J	175.000	G	6µA	6	180	.010
AF121	PG 218	72	TFK	25	25R		.010	.067	A	75	J	270.000	G	8µA	10		
AF124	PG 218	72	SIH,MUL	32		1.0	.010	.060	A	75	J	75.000	G	8µA	6	140	.001
AF125	PG 218	72	SIH,MUL	32		1.0	.010	.060	A	75	J	75.000	G	8µA	6	140	.001
AF126	PG 218	72	SIH,MUL	32		1.0	.010	.060	A	75	J	75.000	G	8µA	6	140	.001
AF127	PG 218	72	SIH,MUL	32		1.0	.010	.060	A	75	J	75.000	G	8µA	6	140	.001
AF128	PG 901 A		TFK	9	6	5.0		.150	A	60	J	6.000	B	800NA	2	40	
AF134	PG 217 B		TFK	25	18R	.7		.060	A	75	J	55.000	G	10µA	6	110	.001
AF135	PG 217 B		TFK	25	18R	.7		.060	A	75	J	50.000	G	10µA	6	100	.001
AF136	PG 217 B		TFK	25	18R	.7		.060	A	75	J	40.000	G	10µA	6	80	
AF137	PG 217 B		TFK	25	18R	.7		.060	A	75	J	35.000	G	10µA	6	60	.001
AF138	PG 217 B		TFK	25	18R	.7		.060	A	75	J	40.000	G	3µA	6	100	.001
AF139	PG 217	72	TFK,MOT,SIH,MUL	20	15	.3	.010	.060	A	90	J	550.000	G	500NA	20	55	.002
AF178	PG 217	12	MUL	25			.010	.075	H			180.000	G			20	
AF179	PG 217	12	MUL	25			.015	.140	A			VID IF		8µA	10		
AF180			SEE 2N3074														
AF181			SEE 2N3075														
AF200	PG 218 E		SIH	25	25S	.3	.010	.225	A	90	J	1500.000	G	10µA	12	85	.003
AF200U	PG 218 E		SIH	25	25S	.3	.010	.060	A	90	J			10µA	12	85	.003
AF201	PG 218 E		SIH	25	25S	.3	.010	.225	A	90	J	1000.000	G	10µA	12	85	.003
AF201U	PG 218 E		SIH	25	25S	.3	.010	.060	A	90	J			10µA	12	85	.030
AF202	PG 218 E		SIH	25	25S	.3	.030	.225	A	90	J	1000.000	G	10µA	12	85	.003
AF202S	PG 218 E		SIH	32	32S	.3	.030	.225	A	90	J	1000.000	G	10µA	12	85	.003
AF239	PG 217	72	MOT,SIH,TFK	20	15	.3	.010	.060	A	90	J	700.000	G	8µA	20	50	.002
AF239S	PG 217	72	SIH,TFK		15	.3	.010	.060	A	90	J	780.000	G	8µA	20	50	.002
AF240	PG 217	72	SIH		20S	.3	.010	.060	A	90	J	500.000	G	8µA	20	25	.002
AF256	PG 985 A		TFK	25	18	.3	.010	.090	A	90	J	330.000	G	8µA	12	28	.001
AF279	PG 906 A		SIH,TFK		15	.3	.010	.060	A	90	J	780.000	G	15µA	20	50	.002
AF280	PG 906 A		SIH,TFK		15	.3	.010	.060	A	90	J	550.000	G	15µA	20	25	.002
AFY11	PG 211	39	SIH	30	15	1.0	.070	.560	A	90	J	350.000	G	18µA	15	60	.010
AFY12	PG 217	72	TFK,SIH	25	18	.5	.010	.060	A	90	J	230.000	G	700NA	25	46	.001
AFY14	PG 210 D		TFK	40	20	.6	.250	.200	A	85	J	60.000	G	2µA	6	40	.200
AFY15	PG 210 C		TFK	22	12	8.0	.050	.100	A	85	J	16.000	G	2µA	22	80	.004
AFY16	PG 217	72	TFK,SIH	30	20	.5	.010	.060	A	90	J	550.000	G	700NA	20	90	.005
AFY18	PG 211	39	SIH	30	15	.7	.100	.560	A	90	J	600.000	G	10µA	15	190	.010
AFY19	PG 210	5	RAD	34	34		.010	2.000	A	90	J					80	
AFY37	PG 217	72	SIH	32		.3	.020	.112	A	90	J	600.000	G	10µA	20	40	.002
AFY39	PG 218	72	SIH	32		.3	.030	.225	A	90	J	500.000	G	10µA	12	85	.003
AFY42	PG 217	72	SIH	30	25	.3	.010	.112	A	90	J	700.000	G	30µA	20	50	.002
AFZ10	PG 55 F		TFK	40	30	.7	.100	.150	C	75	J	50.000	G				
AFZ12	PG 217	72	RAD	20	20	.5	.010	.083	A	75	J	180.000	B			60	
ALZ10	PG 698 A		TFK	50	28	.6	.500	.500	C	75	J	40.000	G	2µA	6	90	
AMF101	NS 731	53	AMF	30	30S	.5	4.000	85.000	C	200	J	1.000	B	2MA	15	30	
AMF102	NS 731	53	AMF	60	60S	.5	4.000	85.000	C	200	J	1.000	B	1MA	15	30	
AMF103	NS 731	53	AMF	100	100S	.5	4.000	85.000	C	200	J	1.000	B	1MA	15	30	
AMF104	NS 605	3	AMF	30	30S	.5	4.000	75.000	C	200	J	1.000	B	2MA	15	30	
AMF105	NS 605	3	AMF	60	60S	.5	4.000	75.000	C	200	J	1.000	B	1MA	15	30	
AMF106	NS 605	3	AMF	100	100S	.5	4.000	75.000	C	200	J	1.000	B	1MA	15	30	
AMF107	NS 561	61	AMF	30	30S	.5	4.000	85.000	C	200	J	1.500	B	2MA	15	34	
AMF108	NS 561	61	AMF	60	60S	.5	4.000	85.000	C	200	J	1.500	B	1MA	15	34	
AMF109	NS 561	61	AMF	100	100S	.5	4.000	85.000	C	200	J	1.500	B	1MA	15	34	
AMF110	NS 561	61	AMF	60	60S	.5	4.000	85.000	C	200	J	1.500	B	1MA	15	34	
AMF111	NS 561	61	AMF	60	60S	.5	7.500	85.000	C	200	J	1.500	B	1MA	15	34	
AMF112	NS 731	53	AMF	60	60S	.5	7.500	85.000	C	200	J	1.000	B	1MA	15	30	
AMF113	NS 731	53	AMF	60	60S	.5	7.500	85.000	C	200	J	1.000	B	1MA	15	30	
AMF114	NS 561	61	AMF	60	60S	.5	7.500	85.000	C	200	J	1.500	B	1MA	15	34	
AMF115	NS 605	3	AMF	60	60S	.5	7.500	75.000	C	200	J	1.000	B	1MA	15	30	
AMF116	NS 605	3	AMF	60	60S	.5	7.500	75.000	C	200	J	1.000	B	1MA	15	30	
AMF117	NS 605	3	AMF	55	55S	.5	4.000	75.000	C	200	J	1.000	B	10MA	55	30	
AMF117A	NS 605	3	AMF	55	55S	.5	4.000	75.000	C	200	J	1.000	B	10MA	55	30	
AMF118	NS 605	3	AMF	45	45S	.5	4.000	75.000	C	200	J	1.000	B	10MA	45	30	
AMF118A	NS 605	3	AMF	45	45S	.5	4.000	75.000	C	200	J	1.000	B	10MA	45	30	
AMF119	NS 605	3	AMF	35	35S	.5	4.000	75.000	C	250	J	1.000	B	10MA	35	30	
AMF119A	NS 605	3	AMF	35	35S	.5	4.000	75.000	C	250	J	1.000	B	10MA	35	30	
AMF120	NS 605	3	AMF	25	25S	.5	4.000	75.000	C	200	J	1.000	B	10MA	25	30	
AMF120A	NS 605	3	AMF	25	25S	.5	4.000	75.000	C	200	J	1.000	B	10MA	25	30	
AMF121	NS 731	53	AMF	55	55S	.5	4.000	85.000	C	200	J	1.000	B	10MA	55	30	
AMF121A	NS 731	53	AMF	55	55S	.5	4.000	85.000	C	200	J	1.000	B	10MA	55	30	
AMF122	NS 731	53	AMF	45	45S	.5	4.000	85.000	C	200	J	1.000	B	10MA	45	30	
AMF122A	NS 731	53	AMF	45	45S	.5	4.000	85.000	C	200	J	1.000	B	10MA	45	30	
AMF123	NS 731	53	AMF	35	35S	.5	4.000	85.000	C	200	J	1.000	B	10MA	35	30	
AMF123A	NS 731	53	AMF	45	45S	.5	4.000	85.000	C	200	J	1.000	B	10MA	45	30	
AMF124	NS 731	53	AMF	25	25S	.5	4.000	85.000	C	200	J	1.000	B	10MA	45	30	
AMF124A	NS 731	53	AMF	25	25S	.5	4.000	85.000	C	200	J	1.000	B	10MA	45	30	
AMF201	NS 605	3	AMF	30	30S	.5	13.000	85.000	C	160	J	1.000	B	3MA	15	20	
AMF201B	NS 605	3	AMF	80	80S	.5	13.000	85.000	C	160	J	1.000	B	3MA	30	20	
AMF201C	NS 605	3	AMF	100	100S	.5	13.000	85.000	C	160	J	1.000	B	3MA	30	20	
AMF201D	NS 605	3	AMF	130	130S	.5	13.000	85.000	C	160	J	1.000	B	3MA	30	20	
AMF201E	NS 605	3	AMF	150	150S	.5	13.000	85.000	C	160	J	1.000	B	3MA	30	20	
AMF210	NS 605	3	AMF	30	30S	.5	8.000	80.000	C	175	J	1.500	B	2MA	15	20	
AMF210A	NS 605	3	AMF	60	60S	.5	8.000	80.000	C	175	J	1.500	B	2MA	30	20	
AMF210B	NS 605	3	AMF	100	100S	.5	8.000	80.000	C	175	J	1.500	B	2MA	30	20	
AMF210C	NS 605	3	AMF	150	150S	.5	8.000	80.000	C	175	J	1.500	B	2MA	30	20	
AMF227	NS 412	82	AMF	30	30S	.5	7.500	175.000	C	150	J	.020	E	20MA	30	20	
AMF227A	NS 412	82	AMF	60	60S	.5	7.500	175.000	C	150	J	.020	E	20MA	60	20	
AMF227B	NS 412	82	AMF	100	100S	.5	7.500	175.000	C	150	J	.020	E	20MA	100	20	
AMF227C	NS 412	82	AMF	150	150S	.5	7.500	175.000	C	150	J	.020	E	20MA	150	20	
AMF228	NS 412	82	AMF	30	30S	.5	7.500	175.000	C	150	J	.020	E	20MA	30	20	
AMF228A	NS 412	82	AMF	60	60S	.5	7.500	175.000	C	150	J	.020	E	20MA	60	20	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz)	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond					
AMF228B	NS 412	82	AMF	100	100S	.5	7.500	175.000	C	150	J	.020 E	20MA	100	20	
AMF228C	NS 412	82	AMF	150	150S	.5	7.500	175.000	C	150	J	.020 E	20MA	150	20	
AMF229	NS 412	82	AMF	30	30S	.5	4.000	175.000	C	150	J	.020 E	20MA	30	20	
AMF229A	NS 412	82	AMF	60	60S	.5	4.000	175.000	C	150	J	.020 E	20MA	60	20	
AMF229B	NS 412	82	AMF	100	100S	.5	4.000	175.000	C	150	J	.020 E	20MA	100	20	
AMF229C	NS 412	82	AMF	150	150S	.5	4.000	175.000	C	150	J	.020 E	20MA	150	20	
ASY23	PG 210	5	RAD	80	60	20.0	.300	.180	A	75	J	.700 B			50	
ASY24	PG 210 C		TFK	50	25	.7	.250	.065	A	85	J	22.000 G	2μA	6	66	.200
ASY24B	PG 210 C		TFK	35	20	.6	.250	.065	A	85	J	22.000 G	3μA	35	65	.200
ASY26	PG 212	39	RAD,SIH,TFK	30	25	20.0	.200	.150	A	85	J	4.000 G	3μA	5	55	.020
ASY27	PG 212	39	RAD,SIH,TFK	25	20	20.0	.200	.150	A	85	J	6.000 G	3μA	5	100	.020
ASY28	NG 212	39	RAD,TFK	30	25	20.0	.200	.138	A	100	J	14.000 G	3μA	5	55	.020
ASY29	NG 212	39	RAD,TFK	25	20	20.0	.200	.188	A	100	J	20.000 G	3μA	5	100	.020
ASY30	PG 210 D		TFK	50	25	.7	.250	.200	C	85	J	22.000 G	2μA	6	66	.200
ASY48	PG 120	1	SIH	64	45	16.0	.300	.900	A	90	J	1.200 G	18μA	64	68	.100
ASY70	PG 120	1	SIH	32	30	16.0	.300	.900	A	90	J	1.500 G	18μA	32	68	.100
ASZ15	PG 605	3	RAD	80	60	40.0	8.000	43.000	C	90	J	.250 B			32	
ASZ16	PG 605	3	RAD	60	48	20.0	8.000	43.000	C	90	J	.250 B			90	
ASZ17	PG 605	3	RAD	60	48	20.0	8.000	43.000	C	90	J	.250 B			50	
ASZ18	PG 605	3	RAD	80	60	40.0	8.000	43.000	C	90	J	.250 B			70	
ASZ21	PG 210	18	RAD	20	15	2.5	.030	.100	A	75	A	300.000 B			50	
AT10H	PG 210	5	SEM	15	10	6.0	.100	.100	A			.500 G			100	
AT10M	PG 210	5	SEM	15	10	6.0	.100	.100	A			.500 G			50	
AT10N	PG 210	5	SEM	15	10	6.0	.100	.100	A			.500 G			30	
AT20H	PG 210	5	SEM	25	15	10.0	.200	.200	A			1.000 G			150	
AT20M	PG 210	5	SEM	25	15	10.0	.200	.200	A			1.000 G			70	
AT20N	PG 210	5	SEM	25	15	10.0	.200	.200	A			1.000 G			40	
AT30H	PG 210	5	SEM	45	20	20.0	.400	.250	A			.500 G			150	
AT30M	PG 210	5	SEM	45	20	20.0	.400	.250	A			.500 G			70	
AT30N	PG 210	5	SEM	45	20	20.0	.400	.250	A			.500 G			40	
AT100H	PG 210	5	SEM	40	30	15.0	1.000	20.000	C			.200 G			75	
AT100M	PG 210	5	SEM	40	30	15.0	1.000	20.000	C			.200 G			50	
AT100N	PG 210	5	SEM	40	30	15.0	1.000	20.000	C			.200 G			30	
AUY10	PG 605	3	RAD	70	60	1.5	.700	12.500	A	75	J	120.000 B			80	
AUY18	PG 170	8	SIH	64	45	20.0	8.000	11.000	C	100	J	.300 G	1MA	64	38	5.000
AUY19	PG 605	3	SIH	64	45	20.0	3.000	30.000	C	90	J	.350 G	500μA	64	45	1.000
AUY20	PG 605	3	SIH	80	60	20.0	3.000	30.000	C	90	J	.350 G	500μA	80	45	1.000
AUY21	PG 609 A		SIH	65	45	20.0	10.000	36.000	C	100	J	.300 G	1MA	65	28	5.000
AUY22	PG 609 A		SIH	80	60	20.0	8.000	36.000	C	100	J	.300 G	1MA	80	28	5.000
AUY28	PG 605	3	TFK	90	65	25.0	6.000	30.000	H	90	J	.250 G	250μA	75	33	5.000
AUY29	PG 609 A		SIH	50	32	10.0	15.000	36.000	C	100	J	.300 G	1MA	50	45	5.000
AUY34	PG 605	3	SIH	100	80	20.0	3.000	30.000	C	90	J	.350 G	1MA	100	38	1.000
B1013			SEE 2N2282													
B1013A			SEE 2N2283													
B1274			SEE 2N2291													
B1274A			SEE 2N2292													
B1274B			SEE 2N2293													
B3456	NS 561	61	BEN	100	60	6.0	10.000	25.000	C	200	J	200.000 G	25μA	15	60	5.000
B3458	NS 210	5	BEN	100	60	6.0	5.000	7.500	C	200	J	200.000 G	25μA	15	60	5.000
B3459	NS 561	61	BEN	80	40	8.0	10.000	25.000	C	200	J	200.000 G	5μA	30	80	1.000
B3459A	NS 561	61	BEN	100	60	8.0	10.000	25.000	C	200	J	200.000 G	5μA	30	80	1.000
B3460			SEE 2N4225													
B3461			SEE 2N4226													
B3465	NS 210	5	BEN	100	60	6.0	3.000	5.000	C	175	J	200.000 G	100NA	30	80	1.000
B3466	NS 540 B		BEN	100	60	6.0	3.000	5.000	C	175	J	200.000 G	100NA	30	80	1.000
B3531	NS 211	5	BEN	80	40	8.0	5.000	4.000	H	200	J	30.000 G	1μA	60	36	1.000
B3532	NS 211	5	BEN	100	80	8.0	5.000	4.000	H	200	J	30.000 G	1μA	60	36	1.000
B3533	NS 211	5	BEN	80	40	8.0	5.000	4.000	H	200	J	30.000 G	1μA	60	70	1.000
B3534	NS 211	5	BEN	100	80	8.0	5.000	4.000	H	200	J	30.000 G	1μA	60	70	1.000
B3535	NS 211	5	BEN	80	40	8.0	5.000	4.000	H	200	J	30.000 G	1μA	60	200	1.000
B3536	NS 211	5	BEN	100	80	8.0	5.000	4.000	H	200	J	30.000 G	1μA	60	200	1.000
B3537	NS 211	5	BEN	60	50	5.0	5.000	4.000	H	200	J	40.000 G	1μA	30	36	1.000
B3538	NS 541 B		BEN	60	40	5.0	.600	10.000	C	200	J	40.000 G	2μA	60	50	.150
B3539	NS 541 B		BEN	120	70	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	50	.150
B3540	NS 541 B		BEN	60	40	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	36	.150
B3541	NS 541 B		BEN	60	40	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	70	.150
B3542	NS 541 B		BEN	60	40	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	160	.150
B3543	NS 541 B		BEN	80	60	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	36	.150
B3544	NS 541 B		BEN	80	60	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	70	.150
B3545	NS 541 B		BEN	80	60	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	160	.150
B3546	NS 541 B		BEN	120	80	5.0	.600	10.000	C	200	J	50.000 G	2μA	60	36	.150
B3547	NS 561	59	BEN	60	40	8.0	5.000	30.000	H	200	J		1μA	60	36	1.000
B3548	NS 561	59	BEN	80	60	8.0	5.000	30.000	H	200	J		1μA	80	36	1.000
B3549	NS 561	59	BEN	100	80	8.0	5.000	30.000	H	200	J		1μA	100	36	1.000
B3550	NS 561	59	BEN	60	40	8.0	5.000	30.000	H	200	J		1μA	60	70	1.000
B3551	NS 561	59	BEN	80	60	8.0	5.000	30.000	H	200	J		1μA	80	70	1.000
B3552	NS 561	59	BEN	100	80	8.0	5.000	30.000	H	200	J		1μA	100	70	1.000
B3553	NS 561	59	BEN	60	40	8.0	5.000	30.000	H	200	J		1μA	60	160	1.000
B3554	NS 561	59	BEN	80	60	8.0	5.000	30.000	H	200	J		1μA	80	160	1.000
B3555	NS 561	59	BEN	100	80	8.0	5.000	30.000	H	200	J		1μA	100	160	1.000
B3556	NS 561	59	BEN	90	60	8.0	5.000	20.000	H	200	J	20.000 G	100NA	60	70	1.000
B3557	NS 561	59	BEN	120	80	8.0	5.000	20.000	H	200	J	20.000 G	100NA	60	70	1.000
B3558	NS 561	59	BEN	150	100	8.0	5.000	20.000	H	200	J	20.000 G	100NA	60	70	1.000
B3559	NS 561	59	BEN	60	40	7.0	5.000	30.000	H	200	J	30.000 G	100NA	30	36	1.000
B3560	NS 561	59	BEN	80	60	8.0	5.000	30.000	H	200	J	30.000 G	100NA	60	36	1.000
B3561	NS 561	59	BEN	100	80	8.0	5.000	30.000	H	200	J	30.000 G	100NA	60	36	1.000
B3562	NS 561	59	BEN	60	40	7.0	5.000	30.000	H	200	J	40.000 G	100NA	30	70	1.000
B3563	NS 561	59	BEN	80	60	8.0	5.000	30.000	H	200	J	40.000 G	100NA	60	70	1.000
B3564	NS 561	59	BEN	100	80	8.0	5.000	30.000	H	200	J	40.000 G	100NA	60	70	1.000
B3565	NS 561	59	BEN	60	40	7.0	5.000	30.000	H	200	J	50.000 G	100NA	30	176	1.000
B3566	NS 561	59	BEN	80	60	8.0	5.000	30.000	H	200	J	50.000 G	100NA	60	176	1.000
B3567	NS 561	59	BEN	100	80	8.0	5.000	30.000	H	200	J	50.000 G	100NA	60	176	1.000
B3568	NS 541 B		BEN	120	80	5.0	.600	10.000	C	200	J	50.000 G	2μA	60	70	.150
B3569	NS 541 B		BEN	120	80	5.0	.600	10.000	C	200	J	50.000 G	2μA	60	160	.150
B3570	NS 541 B		BEN	80	40	8.0	5.000	10.000	H	200	J	30.000 G	1μA	60	36	1.000
B3571	NS 541 B		BEN	100	80	8.0	5.000	10.000	H	200	J	30.000 G	1μA	60	36	1.000
B3572	NS 541 B		BEN	80	40	8.0	5.000	10.000	H	200	J	30.000 G	1μA	60	70	1.000
B3573	NS 541 B		BEN	100	80	8.0	5.000	10.000	H	200	J	30.000 G	1μA	60	70	1.000
B3574	NS 541 B		BEN	80	40	8.0	5.000	10.000	H	200	J	30.000 G	1μA	60	160	1.000
B3575	NS 541 B		BEN	100	80	8.0	5.000	10.000	H	200	J	30.000 G	1μA	60	160	1.000
B3576	NS 541 B		BEN	60	40	5.0	5.000	10.000	H	200	J	30.000 G	1μA	60	36	1.000
B3577	NS 561	59	BEN	100	50	5.0	5.000	40.000	H	200	J	30.000 G	1μA	60	20	1.000
B3578	NS 561	59	BEN	80	40	8.0	5.000	40.000	H	200	J	30.000 G	1μA	60	36	1.000
B3579	NS 561	59	BEN	100	80	8.0	5.000	40.000	H	200	J	30.000 G	1μA	60	36	1.000
B3580	NS 561	59	BEN	80	40	8.0	5.000	40.000	H	200	J	30.000 G	1μA	60	70	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
B3581	NS 561	59	BEN	100	80	8.0	5.000	40.000	H	200	J	30.000	G	1μA	60	70	1.000
B3582	NS 561	59	BEN	80	40	8.0	5.000	40.000	H	200	J	30.000	G	1μA	60	160	1.000
B3583	NS 561	59	BEN	100	80	8.0	5.000	40.000	H	200	J	30.000	G	1μA	60	160	1.000
B3584	NS 561	59	BEN	60	40	5.0	5.000	40.000	H	200	J	30.000	G	1μA	60	36	1.000
B3585	NS 561	61	BEN	60	40	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	36	1.000
B3586	NS 561	61	BEN	80	60	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	36	1.000
B3587	NS 561	61	BEN	100	80	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	36	1.000
B3588	NS 561	61	BEN	60	40	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	70	1.000
B3589	NS 561	61	BEN	80	60	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	70	1.000
B3590	NS 561	61	BEN	100	80	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	70	1.000
B3591	NS 561	61	BEN	60	40	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	160	1.000
B3592	NS 561	61	BEN	80	60	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	160	1.000
B3593	NS 561	61	BEN	100	80	8.0	5.000	30.000	H	200	J	30.000	G	1μA	60	160	1.000
B3594	NS 211	5	BEN	60	40	5.0	10.000	5.000	H	200	J	30.000	G	1μA	60	70	5.000
B3595	NS 211	5	BEN	80	60	5.0	10.000	5.000	H	200	J	30.000	G	1μA	60	70	5.000
B3596	NS 211	5	BEN	100	80	5.0	10.000	5.000	H	200	J	30.000	G	1μA	60	70	5.000
B3597	NS 211	5	BEN	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1μA	30	36	5.000
B3598	NS 211	5	BEN	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1μA	60	36	5.000
B3599	NS 211	5	BEN	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1μA	60	36	5.000
B3600	NS 211	5	BEN	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1μA	30	70	5.000
B3601	NS 211	5	BEN	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1μA	60	70	5.000
B3602	NS 211	5	BEN	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1μA	60	70	5.000
B3603	NS 211	5	BEN	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1μA	30	160	5.000
B3604	NS 211	5	BEN	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1μA	60	160	5.000
B3605	NS 211	5	BEN	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1μA	60	160	5.000
B3606	NS 211	5	BEN	50	30	5.0	5.000	4.000	H	200	J			1μA	50	40	1.000
B3607	NS 211	5	BEN	70	50	5.0	5.000	4.000	H	200	J			1μA	70	40	1.000
B3608	NS 211	5	BEN	90	70	5.0	5.000	4.000	H	200	J			1μA	90	40	1.000
B3609	NS 211	5	BEN	50	30	5.0	5.000	4.000	H	200	J			1μA	50	52	1.000
B3610	NS 211	5	BEN	70	50	5.0	5.000	4.000	H	200	J			1μA	70	52	1.000
B3611	NS 211	5	BEN	90	70	5.0	5.000	4.000	H	200	J			1μA	90	52	1.000
B3612	NS 211	5	BEN	50	30	5.0	5.000	4.000	H	200	J			1μA	50	88	1.000
B3613	NS 211	5	BEN	70	50	5.0	5.000	4.000	H	200	J			1μA	70	88	1.000
B3614	NS 211	5	BEN	90	70	5.0	5.000	4.000	H	200	J			1μA	90	88	1.000
B3615	NS 211	5	BEN	50	30	5.0	5.000	4.000	H	200	J			1μA	50	160	1.000
B3616	NS 211	5	BEN	70	50	5.0	5.000	4.000	H	200	J			1μA	70	160	1.000
B3617	NS 211	5	BEN	90	70	5.0	5.000	4.000	H	200	J			1μA	90	160	1.000
B3618	NS 560	61	BEN	60	40	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	36	5.000
B3619	NS 560	61	BEN	80	60	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	36	5.000
B3620	NS 560	61	BEN	100	80	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	36	5.000
B3621	NS 560	61	BEN	60	40	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	70	5.000
B3622	NS 560	61	BEN	80	60	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	70	5.000
B3623	NS 560	61	BEN	100	80	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	70	5.000
B3624	NS 560	61	BEN	60	40	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	160	5.000
B3625	NS 560	61	BEN	80	60	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	160	5.000
B3626	NS 560	61	BEN	100	80	5.0	10.000	40.000	H	200	J	15.000	G	1μA	60	160	5.000
B3629	NS 541 B		BEN	80	60	8.0	5.000	10.000	H	200	J	20.000	G	100NA	60	70	1.000
B3630	NS 541 B		BEN	100	80	8.0	5.000	10.000	H	200	J	20.000	G	100NA	60	70	1.000
B3631	NS 560	59	BEN	80	60	8.0	5.000	30.000	H	200	J	30.000	G	100NA	60	36	1.000
B3632	NS 560	59	BEN	80	60	8.0	5.000	30.000	H	200	J	50.000	G	100NA	60	70	1.000
B3633	NS 560	59	BEN	100	80	8.0	5.000	30.000	H	200	J	30.000	G	100NA	60	36	1.000
B3634	NS 560	59	BEN	100	80	8.0	5.000	30.000	H	200	J	50.000	G	100NA	60	70	1.000
B3746	NS 210	18	BEN		20		.800			200	J			10MA	20	40	.010
B3747	NS 541 B		BEN		25		.800			200	J			10MA	25		
B3748	NS 541 B		BEN		25		.800			200	J			10MA	25		
B3749	NS 541 B		BEN		50		5.000			200	J			10MA	40		
B3750	NS 541 B		BEN		50		5.000			200	J			10MA	50		
B5000	NS 920 A		BEN		35	1.2	3.000	25.000	H	150	J	2.300	G	2MA	14	90	.500
B5001	NS 610 A		BEN		35	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	90	.500
B5002	NS 610 A		BEN		60	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	90	.500
B5020	NS 920 A		SOL	35	35	1.2	3.000	25.000	H	150	J	2.300	G	2MA	14	52	.500
B5021	NS 610 A		BEN		35	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	52	.500
B5022	NS 610 A		BEN		60	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	52	.500
B5030	NS 920 A		SOL	35	35	1.2	3.000	25.000	H	150	J	2.300	G	2MA	14	90	.500
B5031	NS 610 A		BEN		35	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	90	.500
B5032	NS 610 A		BEN		60	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	90	.500
B5040	NS 920 A		SOL	35	35	1.2	3.000	25.000	H	150	J	2.300	G	2MA	14	138	.500
B5041	NS 610 A		BEN		35	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	138	.500
B5042	NS 610 A		BEN		60	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	138	.500
B5050	NS 920 A		SOL	35	35	1.2	3.000	25.000	H	150	J	2.300	G	2MA	14	200	.500
B5051	NS 610 A		BEN		35	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	200	.500
B5052	NS 610 A		BEN		60	1.2	3.000	45.000	C	200	J	2.300	G	2MA	14	200	.500
B5100	NS 920 A		BEN	60	60		3.000	45.000	H			2.000	G	2MA	14	92	.500
B5120	NS 920 A		SOL	60	60		3.000	45.000	H			2.000	G	2MA	14	49	.500
B5130	NS 920 A		SOL	60	60		3.000	45.000	H			2.000	G	2MA	14	90	.500
B5140	NS 920 A		SOL	60	60		3.000	45.000	H			2.000	G	2MA	14	143	.500
B5150	NS 920 A		SOL	60	60		3.000	45.000	H			2.000	G	2MA	14	210	.500
B10142	PG 605	3	BEN	350			10.000	30.000	C	110	J	.008	E	200μA	2	40	6.000
B10142A	PG 605	3	BEN	290			10.000	30.000	C	110	J	.008	E	200μA	2	40	6.000
B10142B	PG 605	3	BEN	225			10.000	30.000	C	110	J	.008	E	200μA	2	40	6.000
B10474	PG 605	3	BEN	60			10.000	40.000	C	110	J	.008	E	2MA	60	150	.400
B10475	PG 605	3	BEN	60			10.000	40.000	C	110	J	.008	E	2MA	100	150	.400
B10912	PG 605	3	BEN	35	10		3.000	30.000	C	100	J	CB AMP		2MA	35	50	1.000
B10913	PG 605	3	BEN	35	10		3.000	30.000	C	100	J	CB AMP		2MA	35	100	1.000
B102000	PG 605	3	BEN	40	30		7.000	45.000	H	100	J	.300	G	2MA	40	102	1.000
B102001	PG 605	3	BEN	50	40		7.000	45.000	H	100	J	.300	G	2MA	40	102	1.000
B102002	PG 605	3	BEN	60	50		7.000	45.000	H	100	J	.300	G	2MA	40	102	1.000
B102003	PG 605	3	BEN	70	60		7.000	45.000	H	100	J	.300	G	2MA	40	102	1.000
B103000	PG 605	3	BEN	50	30		10.000	45.000	H	100	J	.300	G	2MA	50	90	3.000
B103001	PG 605	3	BEN	60	40		10.000	45.000	H	100	J	.300	G	2MA	50	90	3.000
B103002	PG 605	3	BEN	70	50		10.000	45.000	H	100	J	.300	G	2MA	50	90	3.000
B103003	PG 605	3	BEN	80	60		10.000	45.000	H	100	J	.300	G	2MA	50	90	3.000
B103004	PG 605	3	BEN	90	70		10.000	45.000	H	100	J	.300	G	2MA	50	90	3.000
B113000-BRN	PG 605	3	BEN	110	70	2.0	25.000	70.000	H	110	J	.500	G	100MA	60	90	2.000
B113000-ORG	PG 605	3	BEN	110	70	2.0	25.000	70.000	H	110	J	.500	G	100MA	60	224	2.000
B113000-RED	PG 605	3	BEN	110	70	2.0	25.000	70.000	H	110	J	.500	G	100MA	60	150	2.000
B113001-BRN	PG 605	3	BEN	130	80	2.0	25.000	70.000	H	110	J	.500	G	100MA	80	90	2.000
B113001-ORG	PG 605	3	BEN	130	80	2.0	25.000	70.000	H	110	J	.500	G	100MA	80	224	2.000
B113001-RED	PG 605	3	BEN	130	80	2.0	25.000	70.000	H	110	J	.500	G	100MA	80	150	2.000
B113002-BRN	PG 605	3	BEN	160	90	2.0	25.000	70.000	H	110	J	.500	G	100MA	100	90	2.000
B113002-ORG	PG 605	3	BEN	160	90	2.0	25.000	70.000	H	110	J	.500	G	100MA	100	224	2.000
B113002-RED	PG 605	3	BEN	160	90	2.0	25.000	70.000	H	110	J	.500	G	100MA	100	150	2.000
B113003-BRN	PG 605	3	BEN	130	80	2.0	25.000	70.000	H	110	J	.500	G	10MA	80	50	10.000
B113003-RED	PG 605	3	BEN	130	80	2.0	25.000	70.000	H	100	J	.500	G	10MA	80	76	10.000
B113004-BRN	PG 605	3	BEN	160	90	2.0	25.000	70.000	H	110	J	.500	G	10MA	90	50	10.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
B113004-RED	PG 605	3	BEN	160	90	2.0	25.000	70.000	H	110	J	.500	G	10MA	90	76	10.000
B113005-BRN	PG 605	3	BEN	170	100	2.0	25.000	70.000	H	110	J	.500	G	10MA	100	50	10.000
B113005-RED	PG 605	3	BEN	170	100	2.0	25.000	70.000	H	110	J	.500	G	10MA	100	76	10.000
B133000	NS 54 E		SOL	60	40	7.0	4.000	8.300	H	150	J	1.000	G			175	.500
B133001	NS 54 E		SOL	60	40	7.0	4.000	8.300	H	150	J	1.000	G			105	1.000
B133002	NS 54 E		SOL	60	40	7.0	4.000	8.300	H	150	J	1.000	G			88	1.500
B133003	NS 54 E		SOL	80	60	7.0	4.000	8.300	H	150	J	1.000	G			50	2.000
B133004	NS 54 E		SOL	80	60	7.0	4.000	8.300	H	150	J	1.000	G			30	3.000
B133005	NS 54 E		SOL	80	60	7.0	4.000	8.300	H	150	J	1.000	G			24	4.000
B133006	NS 54 E		SOL	100	80	7.0	4.000	8.300	H	150	J	1.000	G			50	2.000
B133007	NS 54 E		SOL	100	80	7.0	4.000	8.300	H	150	J	1.000	G			30	3.000
B133008	NS 54 E		SOL	100	80	7.0	4.000	8.300	H	150	J	1.000	G			24	4.000
B143000	NS 211	5	BEN	50	40	5.0	5.000	5.000	C	175	C	HS SW		1MA	50	80	1.000
B143001	NS 211	5	BEN	50	40	5.0	5.000	5.000	C	175	C	HS SW		1MA	50	90	1.000
B143002	NS 211	5	BEN	50	40	5.0	5.000	5.000	C	175	C	HS SW		1MA	50	150	1.000
B143003	NS 211	5	BEN	70	60	5.0	5.000	5.000	C	175	C	HS SW		1MA	70	80	1.000
B143004	NS 211	5	BEN	70	60	5.0	5.000	5.000	C	175	C	HS SW		1MA	70	90	1.000
B143005	NS 211	5	BEN	70	60	5.0	5.000	5.000	C	175	C	HS SW		1MA	70	150	1.000
B143006	NS 211	5	BEN	90	80	5.0	5.000	5.000	C	175	C	HS SW		1MA	90	80	1.000
B143007	NS 211	5	BEN	90	80	5.0	5.000	5.000	C	175	C	HS SW		1MA	90	90	1.000
B143008	NS 211	5	BEN	90	80	5.0	5.000	5.000	C	175	C	HS SW		1MA	90	150	1.000
B143009	NS 211	5	BEN	50	40	5.0	5.000	5.000	C	175	C	200.000	G	1MA	50		
B143010	NS 211	5	BEN	50	40	5.0	5.000	5.000	C	175	C	200.000	G	1MA	50		
B143011	NS 211	5	BEN	70	60	5.0	5.000	5.000	C	175	C	200.000	G	1MA	70		
B143012	NS 211	5	BEN	70	60	5.0	5.000	5.000	C	175	C	200.000	G	1MA	70		
B143013	NS 211	5	BEN	90	80	5.0	5.000	5.000	C	175	C	200.000	G	1MA	90		
B143014	NS 211	5	BEN	90	80	5.0	5.000	5.000	C	175	C	200.000	G	1MA	90		
B143015	NS 541 B		BEN	50	40	5.0	5.000	5.000	C	175	C	HS SW		1MA	50	80	1.000
B143016	NS 541 B		BEN	50	40	5.0	5.000	5.000	C	175	C	HS SW		1MA	50	90	1.000
B143017	NS 541 B		BEN	50	40	5.0	5.000	5.000	C	175	C	HS SW		1MA	50	150	1.000
B143018	NS 541 B		BEN	70	60	5.0	5.000	5.000	C	175	C	HS SW		1MA	70	80	1.000
B143019	NS 541 B		BEN	70	60	5.0	5.000	5.000	C	175	C	HS SW		1MA	70	90	1.000
B143020	NS 541 B		BEN	70	60	5.0	5.000	5.000	C	175	C	HS SW		1MA	70	150	1.000
B143021	NS 541 B		BEN	90	80	5.0	5.000	5.000	C	175	C	HS SW		1MA	90	80	1.000
B143022	NS 541 B		BEN	90	80	5.0	5.000	5.000	C	175	C	HS SW		1MA	90	90	1.000
B143023	NS 541 B		BEN	90	80	5.0	5.000	5.000	C	175	C	HS SW		1MA	90	150	1.000
B143024	NS 541 B		BEN	50	40	5.0	5.000	5.000	C	175	C	200.000	G	1MA	50		
B143025	NS 541 B		BEN	50	40	5.0	5.000	5.000	C	175	C	200.000	G	1MA	50		
B143026	NS 541 B		BEN	70	60	5.0	5.000	5.000	C	175	C	200.000	G	1MA	70		
B143027	NS 541 B		BEN	70	60	5.0	5.000	5.000	C	175	C	200.000	G	1MA	70		
B143028	NS 541 B		BEN	90	80	5.0	5.000	5.000	C	175	C	200.000	G	1MA	90		
B143029	NS 541 B		BEN	90	80	5.0	5.000	5.000	C	175	C	200.000	G	1MA	90		
B144000	NS 561	59	SOL	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	80	1.000
B144001	NS 561	59	SOL	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	90	1.000
B144002	NS 561	59	SOL	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	150	1.000
B144003	NS 561	59	SOL	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	80	1.000
B144004	NS 561	59	SOL	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	90	1.000
B144005	NS 561	59	SOL	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	150	1.000
B144006	NS 561	59	SOL	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	80	1.000
B144007	NS 561	59	SOL	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	90	1.000
B144008	NS 561	59	SOL	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	150	1.000
B145000	NS 560	61	SOL	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	80	1.000
B145001	NS 560	61	SOL	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	90	1.000
B145002	NS 560	61	BEN	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	150	1.000
B145003	NS 560	61	BEN	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	80	1.000
B145004	NS 560	61	BEN	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	90	1.000
B145005	NS 560	61	BEN	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	150	1.000
B145006	NS 560	61	BEN	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	80	1.000
B145007	NS 560	61	BEN	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	90	1.000
B145008	NS 560	61	BEN	90	80	5.0	10.000	25.000	C	175	J			1MA	90	150	1.000
B145009	NS 560	61	BEN	50	40	5.0	10.000	25.000	C	175	J	200.000	G	1MA	50		
B145010	NS 560	61	BEN	50	40	5.0	10.000	25.000	C	175	J	200.000	G	1MA	50		
B145011	NS 560	61	BEN	70	60	5.0	10.000	25.000	C	175	J	200.000	G	1MA	70		
B145012	NS 560	61	BEN	70	60	5.0	10.000	25.000	C	175	J	200.000	G	1MA	70		
B145013	NS 560	61	BEN	90	80	5.0	10.000	25.000	C	175	J	200.000	G	1MA	90		
B145014	NS 560	61	BEN	90	80	5.0	10.000	25.000	C	175	J	200.000	G	1MA	90		
B146000	NS 561	61	BEN	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	80	1.000
B146001	NS 561	61	BEN	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	90	1.000
B146002	NS 561	61	BEN	50	40	5.0	10.000	25.000	C	175	J	HS SW		1MA	50	150	1.000
B146003	NS 561	61	BEN	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	80	1.000
B146004	NS 561	61	BEN	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	90	1.000
B146005	NS 561	61	BEN	70	60	5.0	10.000	25.000	C	175	J	HS SW		1MA	70	150	1.000
B146006	NS 561	61	BEN	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	80	1.000
B146007	NS 561	61	BEN	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	90	1.000
B146008	NS 561	61	BEN	90	80	5.0	10.000	25.000	C	175	J	HS SW		1MA	90	150	1.000
B146009	NS 561	61	BEN	50	40	5.0	10.000	25.000	C	175	J	200.000	G	1MA	50		
B146010	NS 561	61	BEN	50	40	5.0	10.000	25.000	C	175	J	200.000	G	1MA	50		
B146011	NS 561	61	BEN	70	60	5.0	10.000	25.000	C	175	J	200.000	G	1MA	70		
B146012	NS 561	61	BEN	70	60	5.0	10.000	25.000	C	175	J	200.000	G	1MA	70		
B146013	NS 561	61	BEN	90	80	5.0	10.000	25.000	C	175	J	200.000	G	1MA	90		
B146014	NS 561	61	BEN	90	80	5.0	10.000	25.000	C	175	J	200.000	G	1MA	90		
B148000	NS 561	61	SOL	100	80	7.0	20.000	100.000	C			60.000	G	10μA	50	30	10.000
B148001	NS 561	61	SOL	120	100	7.0	20.000	100.000	C			60.000	G	10μA	50	30	10.000
B148002	NS 561	61	SOL	100	80	7.0	15.000	100.000	C			60.000	G	10μA	50	23	15.000
B148003	NS 561	61	SOL	120	100	7.0	15.000	100.000	C			60.000	G	10μA	50	23	15.000
B148004	NS 561	61	SOL	80	60	7.0	20.000	100.000	C			60.000	G	10μA	50	30	10.000
B148005	SEE 2N5412																
B149000	NS 540	60	BEN	50	40	5.0	10.000	25.000	C	175	J	200.000	G	1MA	50		
B149001	NS 540	60	BEN	50	40	5.0	10.000	25.000	C	175	J	200.000	G	1MA	50		
B149002	NS 540	60	BEN	70	60	5.0	10.000	25.000	C	175	J	200.000	G	1MA	70		
B149003	NS 540	60	BEN	70	60	5.0	10.000	25.000	C	175	J	200.000	G	1MA	70		
B149004	NS 540	60	BEN	90	80	5.0	10.000	25.000	C	175	J	200.000	G	1MA	90		
B149005	NS 540	60	BEN	90	80	5.0	10.000	25.000	C	175	J	200.000	G	1MA	90		
B155000	NS 560	61	BEN		100S	7.0	20.000	60.000	C	175	J	60.000	G	10μA	50	80	2.000
B155001	NS 560	61	BEN		120S	7.0	20.000	60.000	C	175	J	60.000	G	10μA	50	80	2.000
B155002	NS 560	61	BEN		100S	7.0	15.000	60.000	C	175	J	60.000	G	10μA	50	80	2.000
B155003	NS 560	61	BEN		100S	7.0	15.000	60.000	C	175	J	60.000	G	10μA	50	80	2.000
B155004	NS 560	61	BEN		80S	7.0	20.000	60.000	C	175	J	60.000	G	10μA	50	80	2.000
B155005	NS 560	61	BEN		80S	7.0	15.000	60.000	C	175	J	60.000	G	10μA	50	80	2.000
B170000-BLK	NS 605	3	SOL	50	40	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	30	.500
B170000-BRN	NS 605	3	SOL	50	40	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	40	.500
B170000-ORG	NS 605	3	SOL	50	40	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	76	.500
B170000-RED	NS 605	3	SOL	50	40	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	66	.500
B170000-YEL	NS 605	3	SOL	50	40	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	100	.500
B170001-BLK	NS 605	3	SOL	50	40	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	30	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
B170001-BRN	NS 605	3	SOL	50	40	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	.500
B170001-ORG	NS 605	3	SOL	50	40	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	76	.500
B170001-RED	NS 605	3	SOL	50	40	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	66	.500
B170001-YEL	NS 605	3	SOL	50	40	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	100	.500
B170002-BLK	NS 605	3	SOL	50	40	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	30	.500
B170002-BRN	NS 605	3	SOL	50	40	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	40	.500
B170002-ORG	NS 605	3	SOL	50	40	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	76	.500
B170002-RED	NS 605	3	SOL	50	40	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	66	.500
B170002-YEL	NS 605	3	SOL	50	40	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	100	.500
B170003-BLK	NS 605	3	SOL	80	70	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	30	.500
B170003-BRN	NS 605	3	SOL	80	70	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	40	.500
B170003-ORG	NS 605	3	SOL	80	70	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	76	.500
B170003-RED	NS 605	3	SOL	80	70	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	66	.500
B170003-YEL	NS 605	3	SOL	80	70	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	100	.500
B170004-BLK	NS 605	3	SOL	80	70	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	30	.500
B170004-BRN	NS 605	3	SOL	80	70	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	.500
B170004-ORG	NS 605	3	SOL	80	70	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	76	.500
B170004-RED	NS 605	3	SOL	80	70	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	66	.500
B170004-YEL	NS 605	3	SOL	80	70	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	100	.500
B170005-BLK	NS 605	3	SOL	80	70	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	30	.500
B170005-BRN	NS 605	3	SOL	80	70	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	40	.500
B170005-ORG	NS 605	3	SOL	80	70	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	76	.500
B170005-RED	NS 605	3	SOL	80	70	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	66	.500
B170005-YEL	NS 605	3	SOL	80	70	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	100	.500
B170006-BLK	NS 605	3	SOL	100	100	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	30	.500
B170006-BRN	NS 605	3	SOL	100	100	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	40	.500
B170006-ORG	NS 605	3	SOL	100	100	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	76	.500
B170006-RED	NS 605	3	SOL	100	100	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	66	.500
B170006-YEL	NS 605	3	SOL	100	100	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	100	.500
B170007-BLK	NS 605	3	SOL	100	100	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	30	.500
B170007-BRN	NS 605	3	SOL	100	100	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	.500
B170007-ORG	NS 605	3	SOL	100	100	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	76	.500
B170007-RED	NS 605	3	SOL	100	100	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	66	.500
B170007-YEL	NS 605	3	SOL	100	100	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	100	.500
B170008-BLK	NS 605	3	SOL	100	100	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	30	.500
B170008-BRN	NS 605	3	SOL	100	100	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	40	.500
B170008-ORG	NS 605	3	SOL	100	100	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	76	.500
B170008-RED	NS 605	3	SOL	100	100	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	66	.500
B170008-YEL	NS 605	3	SOL	100	100	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	100	.500
B170009	NS 605	3	SOL	50	40	2.0	6.000	60.000	C	200	J	1.000	G	100NA	40	60	1.000
B170010	NS 605	3	SOL	50	40	2.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	3.000
B170011	NS 605	3	SOL	50	40	2.0	15.000	120.000	C	200	J	1.000	G	100NA	40	24	5.000
B170012	NS 605	3	SOL	80	70	2.0	6.000	60.000	C	200	J	1.000	G	100NA	40	60	1.000
B170013	NS 605	3	SOL	80	70	2.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	3.000
B170014	NS 605	3	SOL	80	70	2.0	15.000	120.000	C	200	J	1.000	G	100NA	40	24	5.000
B170015	NS 605	3	SOL	100	100	2.0	6.000	60.000	C	200	J	1.000	G	100NA	40	60	1.000
B170016	NS 605	3	SOL	100	100	2.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	3.000
B170017	NS 605	3	SOL	100	100	2.0	15.000	120.000	C	200	J	1.000	G	100NA	40	24	5.000
B170018	NS 605	3	SOL	50	40	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	60	1.000
B170019	NS 605	3	SOL	50	40	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	3.000
B170020	NS 605	3	SOL	50	40	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	24	5.000
B170021	NS 605	3	SOL	80	70	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	60	1.000
B170022	NS 605	3	SOL	80	70	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	3.000
B170023	NS 605	3	SOL	80	70	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	24	5.000
B170024	NS 605	3	SOL	100	100	5.0	6.000	60.000	C	200	J	1.000	G	100NA	40	60	1.000
B170025	NS 605	3	SOL	100	100	5.0	10.000	90.000	C	200	J	1.000	G	100NA	40	40	3.000
B170026	NS 605	3	SOL	100	100	5.0	15.000	120.000	C	200	J	1.000	G	100NA	40	24	5.000
B176000	NS 605	3	SOL	250	200	5.0	5.000	50.000	H	175	J			250µA	125	50	.100
B176001	NS 605	3	SOL	250	200	5.0	5.000	50.000	H	175	J			250µA	125	40	.500
B176002	NS 605	3	SOL	250	200	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176003	NS 605	3	SOL	250	200	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176004	NS 605	3	SOL	400	325	5.0	5.000	50.000	H	175	J			250µA	125	50	.100
B176005	NS 605	3	SOL	400	325	5.0	5.000	50.000	H	175	J			250µA	125	40	.500
B176006	NS 605	3	SOL	400	325	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176007	NS 605	3	SOL	400	325	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176008	NS 605	3	SOL	550	325	5.0	5.000	50.000	H	175	J			250µA	125	50	.100
B176009	NS 605	3	SOL	550	325	5.0	5.000	50.000	H	175	J			250µA	125	40	.500
B176010	NS 605	3	SOL	550	325	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176011	NS 605	3	SOL	550	325	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176012	NS 605	3	SOL	700	325	5.0	5.000	50.000	H	175	J			250µA	125	50	.100
B176013	NS 605	3	SOL	700	325	5.0	5.000	50.000	H	175	J			250µA	125	40	.500
B176014	NS 605	3	SOL	700	325	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176015	NS 605	3	SOL	700	325	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176024	NS 605	3	SOL	400	325	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176025	NS 605	3	SOL	400	325	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176026	NS 605	3	SOL	550	325	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176027	NS 605	3	SOL	550	325	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176028	NS 605	3	SOL	700	325	5.0	5.000	50.000	H	175	J			250µA	125	30	1.500
B176029	NS 605	3	SOL	700	325	5.0	5.000	50.000	H	175	J			250µA	125	20	2.500
B176030	NS 605	3	SOL	800	500	5.0	5.000	125.000	C							15	3.000
B177000	NS 605	3	BEN	100	80		30.000	150.000	C	200	J	.020	E	5MA	100	30	10.000
BC107	NS 211	18	TIL,MUL	45	45	5.0	.100	.300	A	175	J	300.000	G	1NA	20	250	.002
BC107A	NS 211	18	IMG,SIH,TFK	50	45	6.0	.100	.300	A	175	J	250.000	G	15NA	50	170	.002
BC107B	NS 211	18	IMG,SIH	50	45	6.0	.100	.300	A	175	J	250.000	G	15NA	50	290	.002
BC108	NS 211	18	TIL,MUL	30	20	5.0	.100	.300	A	175	J	300.000	G	1NA	20	250	.002
BC108A	NS 211	18	IMG,SIH,TFK	30	20	5.0	.100	.300	A	175	J	250.000	G	15NA	30	170	.002
BC108B	NS 211	18	IMG,TFK,SIH	30	20	5.0	.100	.300	A	175	J	250.000	G	15NA	30	290	.002
BC108C	NS 211	18	IMG,TFK,SIH	30	20	5.0	.100	.300	A	175	J	250.000	G	15NA	30	500	.002
BC109	NS 211	18	TIL,MUL	30	20	5.0	.100	.300	A	175	J	300.000	G	1NA	20	460	.002
BC109B	NS 211	18	IMG,SIH,TFK	30	20	5.0	.100	.300	A	175	J	300.000	G	15NA	30	290	.002
BC109C	NS 211	18	IMG,SIH,TFK	30	20	5.0	.100	.300	A	175	J	300.000	G	15NA	30	500	.002
BC110	NS 210	18	SIH,TFK	80	80	8.0	.050	.300	A	175	J	100.000	G	100NA	80	90	.002
BC121	NS 47 A		SIH	5	5	5.0	.075	.250	A	150	J	250.000	G	10NA	2	300	.001
BC122	NS 47 A		SIH	30	20	5.0	.075	.250	A	150	J	250.000	G	10NA	15	300	.001
BC123	NS 47 A		SIH	45	30	5.0	.075	.250	A	150	J	250.000	G	10NA	25	200	.001
BC129A	NS 210	18	TFK	50	45	6.0	.100	.135	A	175	J	300.000	G	15µA	20	180	.002
BC129B	NS 210	18	TFK	50	45	6.0	.100	.135	A	175	J	300.000	G	15µA	20	290	.002
BC130A	NS 210	18	TFK	30	20	5.0	.100	.135	A	175	J	300.000	G	15µA	20	180	.002
BC130B	NS 210	18	TFK	30	20	5.0	.100	.135	A	175	J	300.000	G	15µA	20	290	.002
BC130C	NS 210	18	TFK	30	20	5.0	.100	.135	A	175	J	300.000	G	15µA	20	520	.002
BC131B	NS 210	18	TFK	30	20	5.0	.100	.135	A	175	J	300.000	G	15µA	20	290	.002
BC131C	NS 210	18	TFK	30	20	5.0	.100	.135	A	175	J	300.000	G	15µA	20	520	.002
BC140	NS 210	39	TFK	80	40	7.0	1.000	3.700	C	175	J	50.000	G	100NA	60	102	.150
BC140-10	NS 211	39	IMG,SIH	80	40	7.0	1.000	.750	A	175	J	50.000	G	100NA	40	100	.100
BC140-16	NS 211	39	IMG,SIH	80	40	7.0	1.000	.750	A	175	J	50.000	G	100NA	40	160	.100

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz)	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Temp. (°C)					
BC140-6	NS 211	39	IMG,SIH	80	40	7.0	1.000	.750 A	175 J	AD APO G	100NA	40	63	.100
BC141	NS 211	39	TFK		60	7.0	.100	.650 A	175 J	50.000 G	100NA	60	145	.100
BC141-10	NS 211	39	IMG,SIH	100	60	7.0	1.000	.750 A	175 J	50.000 G	100NA	60	100	.100
BC141-16	NS 211	39	IMG,SIH	100	60	7.0	1.000	.750 A	175 J	50.000 G	100NA	60	160	.100
BC141-6	NS 211	39	IMG,SIH	100	60	7.0	1.000	.750 A	175 J	AD APO G	100NA	60	63	.100
BC142	NS 211	39	TIL	80	60	5.0	1.000	.800 A		200.000 G			30	.200
BC143	PS 211	39	TIL	60	60	6.0	.600	.600 A		200.000 G			30	.200
BC147	NS 985 A		MUL	50	50S	6.0	.100	.220 A	125 J	250.000 G	15µA	50	250	.002
BC147A	NS 985 A		SIH,TFK		45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	170	.002
BC147B	NS 985 A		SIH,TFK		45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	290	.002
BC148	NS 985 A		MUL	30	30S	5.0	.100	.220 A	125 J	250.000 G	15µA	30	350	.002
BC148A	NS 985 A		SIH,TFK		20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	170	.002
BC148B	NS 985 A		SIH,TFK		20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	290	.002
BC148C	NS 985 A		SIH,TFK		20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	500	.002
BC149	NS 985 A		MUL	30	30S	5.0	.100	.220 A	125 J	300.000 G	15µA	30	465	.002
BC149B	NS 985 A		SIH,TFK		20	5.0	.050	.300 A	150 J	300.000 G	15NA	30	290	.002
BC149C	NS 985 A		SIH		20	5.0	.050	.300 A	150 J	300.000 G	15NA	30	500	.002
BC155A	NS 9 A		TFK	5	5	5.0	.050	.105 A	125 J	50.000 G	100NA	5	153	.001
BC155B	NS 9 A		TFK	5	5	5.0	.050	.105 A	125 J	50.000 G	100NA	5	350	.001
BC155C	NS 9 A		TFK	5	5	5.0	.050	.105 A	125 J	50.000 G	100NA	5	685	.001
BC156A	NS 32 A		TFK	5	5	5.0	.050	.050 A	125 J	50.000 G	100NA	5	153	.001
BC156B	NS 32 A		TFK	5	5	5.0	.050	.050 A	125 J	50.000 G	100NA	5	350	.001
BC156C	NS 32 A		TFK	5	5	5.0	.050	.050 A	125 J	50.000 G	100NA	5	685	.001
BC157	PS 985 A		MUL	50	50S	5.0	.100	.220 A	125 J	130.000 G	100NA	20	140	.002
BC157A	PS 985 A		SIH		45	5.0	.100	.300 A	150 J	200.000 G	15NA	50	170	.002
BC157B	PS 985 A		SIH		45	5.0	.100	.300 A	150 J	200.000 G	15NA	50	290	.002
BC158	PS 985 A		MUL	30	30S	5.0	.100	.220 A	125 J	130.000 G	100NA	20	200	.002
BC158A	PS 985 A		SIH		30	5.0	.100	.300 A	150 J	200.000 G	15NA	30	170	.002
BC158B	PS 985 A		SIH		30	5.0	.100	.300 A	150 J	200.000 G	15NA	30	290	.002
BC158C	PS 985 A		SIH		30	5.0	.100	.300 A	150 J	200.000 G	15NA	30	500	.002
BC159	PS 985 A		MUL	25	25S	5.0	.100	.220 A	125 J	130.000 G	100NA	20	250	.002
BC159B	PS 985 A		SIH		20	5.0	.050	.300 A	150 J	200.000 G	15NA	25	290	.002
BC159C	PS 985 A		SIH		20	5.0	.050	.300 A	150 J	200.000 G	15NA	25	500	.002
BC160	PS 211	39	TFK		40	5.0	1.000	.650 A	175 J	50.000 G	100NA	40	145	.100
BC160-10	PS 211	39	IMG,SIH	40	40	5.0	1.000	.750 A	175 J	50.000 G	100NA	40	100	.100
BC160-16	PS 211	39	IMG,SIH	40	40	5.0	1.000	.750 A	175 J	50.000 G	100NA	40	160	.100
BC160-6	PS 211	39	IMG,SIH	40	40	5.0	1.000	.750 A	175 J	AD APO G	100NA	40	63	.100
BC161	PS 211	39	TFK		60	5.0	1.000	.650 A	175 J	50.000 G	100NA	60	145	.100
BC161-10	PS 211	39	IMG,SIH	60	60	5.0	1.000	.750 A	175 J	50.000 G	100NA	60	100	.100
BC161-16	PS 211	39	IMG,SIH	60	60	5.0	1.000	.750 A	175 J	50.000 G	100NA	60	160	.100
BC161-6	PS 211	39	IMG,SIH	60	60	5.0	1.000	.750 A	175 J	AD APO G	100NA	60	63	.100
BC167A	NS 43	92	SIH,TFK		45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	170	.002
BC167B	NS 43	92	SIH,TFK		45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	290	.002
BC168A	NS 43	92	SIH,TFK		20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	170	.002
BC168B	NS 43	92	SIH,TFK		20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	290	.002
BC168C	NS 43	92	SIH,TFK		20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	500	.002
BC169B	NS 43	92	SIH,TFK		20	5.0	.050	.300 A	150 J	300.000 G	15NA	30	290	.002
BC169C	NS 43	92	SIH,TFK		20	5.0	.050	.300 A	150 J	300.000 G	15NA	30	500	.002
BC170A	NS 41	92	IMG	20	20	5.0	.100	.300 A	150 J	100.000 G	100NA	15	68	.001
BC170B	NS 41	92	IMG	20	20	5.0	.100	.300 A	150 J	100.000 G	100NA	15	165	.001
BC170C	NS 41	92	IMG	20	20	5.0	.100	.300 A	150 J	100.000 G	100NA	15	400	.001
BC171A	NS 41	92	IMG		45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	170	.002
BC171B	NS 41	92	IMG		45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	290	.002
BC172A	NS 41	92	IMG		25	5.0	.100	.300 A	150 J	250.000 G	15NA	30	170	.002
BC172B	NS 41	92	IMG		25	5.0	.100	.300 A	150 J	250.000 G	15NA	30	290	.002
BC172C	NS 41	92	IMG		25	5.0	.100	.300 A	150 J	250.000 G	15NA	30	500	.002
BC173B	NS 41	92	IMG		25	5.0	.100	.300 A	150 J	250.000 G	15NA	30	290	.002
BC173C	NS 41	92	IMG		25	5.0	.100	.300 A	150 J	250.000 G	15NA	30	500	.002
BC174A	NS 41	92	IMG		64	5.0	.100	.300 A	150 J	250.000 G	15NA	60	170	.002
BC174B	NS 41	92	IMG		64	5.0	.100	.300 A	150 J	250.000 G	15NA	60	290	.002
BC177	PS 210	18	TIL		50S	5.0	.100	.300 A	175 J	130.000 G	100NA	20	105	.002
BC177A	PS 210	18	SIH,TFK		45	5.0	.100	.300 A	175 J	130.000 G	15NA	50	170	.002
BC177B	PS 210	18	SIH,TFK		45	5.0	.100	.300 A	175 J	130.000 G	15NA	50	290	.002
BC178	PS 210	18	TIL		30S	5.0	.100	.300 A	175 J	130.000 G	100NA	20	200	.002
BC178A	PS 210	18	SIH,TFK		25	5.0	.100	.300 A	175 J	130.000 G	15NA	30	170	.002
BC178B	PS 210	18	SIH,TFK		25	5.0	.100	.300 A	175 J	130.000 G	15NA	30	290	.002
BC178C	PS 210	18	SIH,TFK		25	5.0	.100	.300 A	175 J	130.000 G	15NA	30	500	.002
BC179	PS 210	18	TIL		25S	5.0	.100	.300 A	175 J	130.000 G	100NA	20	250	.002
BC179B	PS 210	18	SIH,TFK		20	5.0	.050	.300 A	175 J	130.000 G	15NA	25	290	.002
BC179C	PS 210	18	SIH,TFK		20	5.0	.050	.300 A	175 J	130.000 G	15NA	25	500	.002
BC182A	NS 167 B		SIH,TFK	60	50	6.0	.200	.300 A	150 J	150.000 G	15NA	50	170	.002
BC182B	NS 167 B		SIH,TFK	60	50	6.0	.200	.300 A	150 J	150.000 G	15NA	50	290	.002
BC182L	NS 43	92	TIL	60	50	5.0	.200	.300 A		150.000 G			220	.002
BC183L	NS 43	92	TIL	45	30	5.0	.200	.300 A		150.000 G			312	.002
BC184L	NS 43	92	TIL	45	530	5.0	.200	.300 A		150.000 G			375	.002
BC186	PS 210	18	MUL	40	25		.200	.300 A		168.000 G			105	.050
BC187	PS 210	18	MUL	30	25		.200	.300 A		191.000 G			195	.050
BC190A	NS 211	18	IMG		64	5.0	.100	.300 A	175 J	250.000 G	15NA	60	170	.002
BC190B	NS 211	18	IMG		64	5.0	.100	.300 A	175 J	250.000 G	15NA	60	290	.002
BC192	PS 211	18	IMG	25	25	5.0	.500	.400 A	200 J	100.000 G	100NA	20	120	.050
BC194	NS 9 A		TFK	40	25	5.0	.800	.105 A	125 J	100.000 G	100NA	30	145	.010
BC196A	PS 32 A		TFK	30	25	5.0	.100	.050 A	125 J	200.000 G	50NA	20	180	.002
BC196B	PS 32 A		TFK	30	25	5.0	.100	.050 A	125 J	250.000 G	50NA	20	290	.002
BC197A	NS 32 A		TFK	50	45	6.0	.100	.050 A	125 J	300.000 G	5µA	20	180	.002
BC197B	NS 32 A		TFK	50	45	6.0	.100	.050 A	125 J	300.000 G	5µA	20	290	.002
BC198A	NS 32 A		TFK	30	20	5.0	.100	.050 A	125 J	300.000 G	5µA	20	180	.002
BC198B	NS 32 A		TFK	30	20	5.0	.100	.050 A	125 J	300.000 G	5µA	20	290	.002
BC198C	NS 32 A		TFK	30	20	5.0	.100	.050 A	125 J	300.000 G	5µA	20	520	.002
BC199B	NS 32 A		TFK	30	20	5.0	.100	.050 A	125 J	300.000 G	5µA	20	290	.002
BC199C	NS 32 A		TFK	30	20	5.0	.100	.050 A	125 J	300.000 G	5µA	20	520	.002
BC201	PS 47 A		SIH	5	5	5.0	.075	.250 A	150 J	200.000 G	50NA	2	175	.001
BC202	PS 47 A		SIH	30	20	5.0	.075	.250 A	150 J	200.000 G	50NA	15	115	.001
BC203	PS 47 A		SIH	45	30	5.0	.075	.250 A	150 J	200.000 G	50NA	25	115	.001
BC212A	PS 167 B		SIH	60	50	5.0	.200	.300 A	150 J	200.000 G	15NA	30	170	.002
BC212B	PS 167 B		SIH	60	50	5.0	.200	.300 A	150 J	200.000 G	15NA	30	900	.002
BC212L	PS 43	92	TIL	60	50	5.0	.200	.300 A		200.000 G			135	.002
BC213L	PS 43	92	TIL	45	30	5.0	.200	.300 A		200.000 G			180	.002
BC214L	PS 43	92	TIL	45	30	5.0	.200	.300 A		200.000 G			240	.002
BC237A	NS 41	92	IMG,TFK,SIH	50	45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	170	.002
BC237B	NS 41	92	IMG,SIH,TFK	50	45	6.0	.100	.300 A	150 J	250.000 G	15NA	50	290	.002
BC238A	NS 41	92	IMG,TFK,SIH	30	25	5.0	.100	.300 A	150 J	250.000 G	15NA	30	170	.002
BC238B	NS 41	92	IMG,TFK,SIH	30	20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	290	.002
BC238C	NS 41	92	IMG,TFK,SIH	30	20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	500	.002
BC239A	NS 41	92	IMG	30	25	5.0	.100	.300 A	150 J		15NA	30	150	.001
BC239B	NS 41	92	IMG,TFK,SIH	30	20	5.0	.100	.300 A	150 J	250.000 G	15NA	30	290	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
BC239C	NS 41	92	IMG,SIH,TFK	30	20	5.0	.100	.300	A	150	J	LN	G	15NA	30	500	.002
BC250A	PS 41	92	IMG	20	20	5.0	.100	.300	A	150	J	180.000	G	100NA	15	68	.001
BC250B	PS 41	92	IMG	20	20	5.0	.100	.300	A	150	J	180.000	G	100NA	15	165	.001
BC250C	PS 41	92	IMG	20	20	5.0	.100	.300	A	150	J	180.000	G	100NA	15	400	.001
BC251A	PS 41	92	IMG		45	5.0	.100	.300	A	150	J	130.000	G	15NA	45	170	.002
BC251B	PS 41	92	IMG		45	5.0	.100	.300	A	150	J	130.000	G	15NA	45	290	.002
BC251C	PS 41	92	IMG		45	5.0	.100	.300	A	150	J	130.000	G	15NA	45	500	.002
BC252A	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	170	.002
BC252B	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	290	.002
BC252C	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	500	.002
BC253A	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	170	.002
BC253B	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	290	.002
BC253C	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	500	.002
BC256A	PS 41	92	IMG		64	5.0	.100	.300	A	150	J	130.000	G	15NA	64	170	.002
BC256B	PS 41	92	IMG		64	5.0	.100	.300	A	150	J	130.000	G	15NA	64	290	.002
BC257A	PS 43	92	SIH		45	5.0	.100	.300	A	150	J	200.000	G	15NA	50	170	.002
BC257B	PS 43	92	SIH		45	5.0	.100	.300	A	150	J	200.000	G	15NA	50	290	.002
BC258A	PS 43	92	SIH		25	5.0	.100	.300	A	150	J	200.000	G	15NA	30	170	.002
BC258B	PS 43	92	SIH		25	5.0	.100	.300	A	150	J	200.000	G	15NA	30	290	.002
BC258C	PS 43	92	SIH		25	5.0	.100	.300	A	150	J	200.000	G	15NA	30	500	.002
BC259B	PS 43	92	SIH		20	5.0	.050	.300	A	150	J	200.000	G	15NA	25	290	.002
BC259C	PS 43	92	SIH		20	5.0	.050	.300	A	150	J	200.000	G	15NA	25	500	.002
BC260A	PS 211	18	IMG	20	20	5.0	.100	.300	A	175	J	180.000	G	100NA	15	68	.001
BC260B	PS 211	18	IMG	20	20	5.0	.100	.300	A	175	J	180.000	G	100NA	15	165	.001
BC260C	PS 211	18	IMG	20	20	5.0	.100	.300	A	175	J	180.000	G	100NA	15	400	.001
BC261A	PS 211	18	IMG		45	5.0	.100	.300	A	175	J	130.000	G	15NA	45	170	.002
BC261B	PS 211	18	IMG		45	5.0	.100	.300	A	175	J	130.000	G	15NA	45	290	.002
BC261C	PS 211	18	IMG		45	5.0	.100	.300	A	175	J	130.000	G	15NA	45	500	.002
BC262A	PS 211	18	IMG		25	5.0	.100	.300	A	175	J	130.000	G	15NA	25	170	.002
BC262B	PS 211	18	IMG		25	5.0	.100	.300	A	175	J	130.000	G	15NA	25	290	.002
BC262C	PS 211	18	IMG		25	5.0	.100	.300	A	175	J	130.000	G	15NA	25	500	.002
BC263A	PS 211	18	IMG		25	5.0	.100	.300	A	175	J	130.000	G	15NA	25	170	.002
BC263B	PS 211	18	IMG		25	5.0	.100	.300	A	175	J	130.000	G	15NA	25	290	.002
BC263C	PS 211	18	IMG		25	5.0	.100	.300	A	175	J	130.000	G	15NA	25	500	.002
BC266A	PS 211	18	IMG		64	5.0	.100	.300	A	175	J	130.000	G	15NA	64	170	.002
BC266B	PS 211	18	IMG		64	5.0	.100	.300	A	175	J	130.000	G	15NA	64	290	.002
BC307A	PS 41	92	IMG,SIH,TFK	50	45	5.0	.100	.300	A	150	J	130.000	G	15NA	45	170	.002
BC307B	PS 41	92	IMG,SIH,TFK	50	45	5.0	.100	.300	A	150	J	130.000	G	15NA	45	290	.002
BC307C	PS 41	92	IMG		45	5.0	.100	.300	A	150	J	130.000	G	15NA	45	500	.002
BC308A	PS 41	92	IMG,TFK,SIH	30	25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	170	.002
BC308B	PS 41	92	IMG,TFK,SIH	30	25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	290	.002
BC308C	PS 41	92	IMG,SIH,TFK	30	25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	500	.002
BC309A	PS 41	92	IMG		25	5.0	.100	.300	A	150	J	130.000	G	15NA	25	170	.002
BC309B	PS 41	92	IMG,TFK,SIH	25	20	5.0	.100	.300	A	150	J	130.000	G	15NA	25	290	.002
BC309C	PS 41	92	IMG,TFK,SIH	25	20	5.0	.100	.300	A	150	J	130.000	G	15NA	25	500	.002
BC325	PS 211	18	TIL	60	60	6.0	.050	.360	A			60.000	G			70	.001
BC326	PS 211	18	TIL	60	60	6.0	.050	.360	A			60.000	G			225	.001
BC327	PS 40	92	TFK		45	5.0	.500	.500	A	150	J	100.000	G	100NA	45	347	.100
BC327-16	PS 41	92	IMG,SIH		45	5.0	.800	.625	A	150	J	AD APO	G	100NA	45	160	.100
BC327-25	PS 41	92	IMG,SIH		45	5.0	.800	.625	A	150	J	AD APO	G	100NA	45	250	.100
BC327-40	PS 41	92	IMG,SIH		45	5.0	.800	.625	A	150	J	AD APO	G	100NA	45	400	.100
BC328	PS 40	92	TFK		25	5.0	.500	.500	A	150	J	100.000	G	100NA	25	347	.100
BC328-16	PS 41	92	IMG,SIH		25	5.0	.800	.625	A	150	J	AD APO	G	100NA	25	160	.100
BC328-25	PS 41	92	IMG,SIH		25	5.0	.800	.625	A	150	J	AD APO	G	100NA	25	250	.100
BC328-40	PS 41	92	IMG,SIH		25	5.0	.800	.625	A	150	J	AD APO	G	100NA	25	400	.100
BC337	NS 40	92	TFK		45	5.0	.500	.500	A	150	J	100.000	G	100NA	45	347	.100
BC337-16	NS 41	92	IMG,SIH		45	5.0	.800	.625	A	150	J	AD APO	G	100NA	45	160	.100
BC337-25	NS 41	92	IMG,SIH		45	5.0	.800	.625	A	150	J	AD APO	G	100NA	45	250	.100
BC337-40	NS 41	92	IMG,SIH		45	5.0	.800	.625	A	150	J	AD APO	G	100NA	45	400	.100
BC338	NS 40	92	TFK		25	5.0	.500	.500	A	150	J	100.000	G	100NA	25	347	.100
BC338-16	NS 41	92	IMG,SIH		25	5.0	.800	.625	A	150	J	AD APO	G	100NA	25	160	.100
BC338-25	NS 41	92	IMG,SIH		25	5.0	.800	.625	A	150	J	AD APO	G	100NA	25	250	.100
BC338-40	NS 41	92	IMG,SIH		25	5.0	.800	.625	A	150	J	AD APO	G	100NA	25	400	.100
BC340-10	NS 211	39	IMG	40	40	5.0	.500	.800	A	200	J	100.000	G	100NA	40	111	.050
BC340-16	NS 211	39	IMG	40	40	5.0	.500	.800	A	200	J	100.000	G	100NA	40	175	.050
BC340-6	NS 211	39	IMG	40	40	5.0	.500	.800	A	200	J	AD APO	G	100NA	40	70	.050
BC341-10	NS 211	39	IMG	60	60	5.0	.500	.800	A	200	J	100.000	G	100NA	60	111	.050
BC341-6	NS 211	39	IMG	60	60	5.0	.500	.800	A	200	J	AD APO	G	100NA	60	70	.050
BC360-10	PS 211	39	IMG	40	40	5.0	.500	.800	A	200	J	250.000	G	100NA	40	111	.050
BC360-16	PS 211	39	IMG	40	40	5.0	.500	.800	A	200	J	250.000	G	100NA	40	175	.050
BC360-6	PS 211	39	IMG	40	40	5.0	.500	.800	A	200	J	AD APO	G	100NA	40	70	.050
BC361-10	PS 211	39	IMG	60	60	5.0	.500	.800	A	200	J	250.000	G	100NA	60	111	.050
BC361-6	PS 211	39	IMG	60	60	5.0	.500	.800	A	200	J	AD APO	G	100NA	60	70	.050
BC413B	NS 40	92	IMG,TFK,SIH	45	30	5.0	.100	.300	A	150	J	LN	G	15NA	30	290	.002
BC413C	NS 40	92	IMG,SIH,TFK	45	30	5.0	.100	.300	A	150	J	LN	G	15NA	30	500	.002
BC414B	NS 40	92	IMG,TFK,SIH	50	45	5.0	.100	.300	A	150	J	LN	G	15NA	30	290	.002
BC414C	NS 40	92	IMG,SIH,TFK	50	45	5.0	.100	.300	A	150	J	LN	G	15NA	30	500	.002
BC415-10	PS 41	92	IMG	45	30	5.0	.100	.300	A	150	J	200.000	G	15NA	30	290	.002
BC415-16	PS 41	92	IMG	45	30	5.0	.100	.300	A	150	J	200.000	G	15NA	30	500	.002
BC415-6	PS 41	92	IMG	45	30	5.0	.100	.300	A	150	J	200.000	G	15NA	30	170	.002
BC415A	PS 40	92	TFK,SIH	45	35	5.0	.100	.300	A	150	J	LN	G	15NA	30	170	.002
BC415B	PS 40	92	SIH,TFK	45	35	5.0	.100	.300	A	150	J	LN	G	15NA	30	290	.002
BC415C	PS 40	92	TFK,SIH	45	35	5.0	.100	.300	A	150	J	LN	G	15NA	30	500	.002
BC416-10	PS 41	92	IMG	50	45	5.0	.100	.300	A	150	J	200.000	G	15NA	30	290	.002
BC416-16	PS 41	92	IMG	50	45	5.0	.100	.300	A	150	J	200.000	G	15NA	30	500	.002
BC416-6	PS 41	92	IMG	50	45	5.0	.100	.300	A	150	J	200.000	G	15NA	30	170	.002
BC416A	PS 40	92	SIH,TFK	50	45	5.0	.100	.300	A	150	J	LN	G	15NA	30	170	.002
BC416B	PS 40	92	TFK,SIH	50	45	5.0	.100	.300	A	150	J	LN	G	15NA	30	290	.002
BC416C	PS 40	92	SIH,TFK	50	45	5.0	.100	.300	A	150	J	LN	G	15NA	30	500	.002
BC1274			SEE 2N2294														
BC1274A			SEE 2N2295														
BC1274B			SEE 2N2296														
BCW34	NS 211	18	TIL	60	45	6.0	.600	.360	A			150.000	G			155	.100
BCW35	PS 211	18	TIL	60	45	6.0	.600	.360	A			150.000	G			155	.100
BCW36	NS 43	92	TIL	60	45	6.0	.600	.300	A			150.000	G			155	.100
BCW37	PS 43	92	TIL	60	45	6.0	.600	.300	A			150.000	G			155	.100
BCY10	PS 60 A		RAD,AMP	32	32	12.0	.250	.300	A	150	J	1.500	B	100NA	6	24	.030
BCY11	PS 60 A		RAD,AMP	60	60	12.0	.500	.300	A	150	J	1.500	B	100NA	6	24	.030
BCY12	PS 60 A		RAD,AMP	32	32	12.0	.500	.300	A	150	J	2.000	B	100NA	6	40	.030
BCY30	PS 210	5	RAD,AMP	64	64	45.0	.100	.250	A	150	J	.250	B	100NA	6	25	.001
BCY31	PS 210	5	RAD,AMP	64	64	45.0	.100	.250	A	150	J	.250	B	100NA	6	40	.001
BCY33	PS 210	5	RAD,AMP	32	32	16.0	.100	.250	A	150	J	.450	B	100NA	6	25	.001
BCY34	PS 210	5	RAD,AMP	32	32	16.0	.100	.250	A	150	J	.600	B	100NA	6	40	.001
BCY58	NS 210	18	SIH	32	32	7.0	.200	1.000	A	200	J	300.000	G	10µA	32	300	.032
BCY58A	NS 211	18	IMG		32	7.0	.200	.390	A	200	J	250.000	G	10NA	32	170	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
BCY58B	NS 211	18	IMG		32	7.0	.200	.390	A	200	J	250.000	G	10NA	32	250	.002
BCY58C	NS 211	18	IMG		32	7.0	.200	.390	A	200	J	250.000	G	10NA	32	350	.002
BCY58D	NS 211	18	IMG		32	7.0	.200	.390	A	200	J	250.000	G	10NA	32	500	.002
BCY59	NS 211	18	SIH,TIL,TFK	45	45	7.0	.200	1.000	H	200	J	250.000	G	10µA	45	500	.002
BCY59A	NS 211	18	IMG		45	7.0	.200	.390	A	200	J	250.000	G	10NA	45	170	.002
BCY59B	NS 211	18	IMG		45	7.0	.200	.390	A	200	J	250.000	G	10NA	45	250	.002
BCY59C	NS 211	18	IMG		45	7.0	.200	.390	A	200	J	250.000	G	10NA	45	350	.002
BCY59D	NS 211	18	IMG		45	7.0	.200	.390	A	200	J	250.000	G	10NA	45	500	.002
BCY65	NS 210	18	SIH		60	7.0	.200	1.000	A	200	J	300.000	G	10µA	60	300	.060
BCY66	NS 210	18	SIH	45	45	7.0	.200	1.000	A	200	J	300.000	G	10µA	45	290	.045
BCY78	PS 210	18	SIH	32	32	5.0	.200	.300	A	175	J	200.000	G			250	.002
BCY78A	PS 211	18	IMG		32	5.0	.200	.390	A	200	J	180.000	G	20NA	25	180	.010
BCY78B	PS 211	18	IMG		32	5.0	.200	.390	A	200	J	180.000	G	20NA	25	260	.010
BCY78C	PS 211	18	IMG		32	5.0	.200	.390	A	200	J	180.000	G	20NA	25	360	.010
BCY78D	PS 211	18	IMG		32	5.0	.200	.390	A	200	J	180.000	G	20NA	25	500	.010
BCY79	PS 211	18	SIH,TFK	45	45	5.0	.200	.770	H	200	J	200.000	G	100NA	45	240	.010
BCY79A	PS 211	18	IMG		45	5.0	.200	.390	A	200	J	180.000	G	20NA	35	180	.010
BCY79B	PS 211	18	IMG		45	5.0	.200	.390	A	200	J	180.000	G	20NA	35	260	.010
BCY79C	PS 211	18	IMG		45	5.0	.200	.390	A	200	J	180.000	G	20NA	35	360	.010
BCZ10	PS 60 A		RAD,AMP	25	25	20.0	.050	.250	A	150	J	1.000	B	100NA	10	20	.001
BCZ11	PS 60 A		RAD,AMP	25	25	20.0	.050	.250	A	150	J	3.000	B	100NA	10	35	.001
BCZ12	PS 60 A		RAD,AMP	60	60	30.0	.050	.250	A	150	J	1.000	B	100NA	10	15	.001
BCZ13	PS 105 B		RAD	20	20		.010	.080	A	125	J					20	
BCZ14	PS 105 B		RAD	20	20		.010	.080	A	125	J					20	
BD106A	NS 605 A		IMG	36	36	5.0	2.500	11.500	C	175	J	100.000	G	500NA	32	100	.500
BD106B	NS 605 A		IMG	36	36	5.0	2.500	11.500	C	175	J	100.000	G	500NA	32	200	.500
BD107A	NS 605 A		IMG	64	64	5.0	2.500	11.500	C	175	J	100.000	G	500NA	60	100	.500
BD107B	NS 605 A		IMG	64	64	5.0	2.500	11.500	C	175	J	100.000	G	500NA	60	200	.500
BD109-10	NS 605 A		SIH	60	40	5.0	.500	18.500	H	175	J	30.000	G	100NA	40	100	.001
BD109-16	NS 605 A		SIH	60	40	5.0	.500	18.500	H	175	J	30.000	G	100NA	40	160	.001
BD109-6	NS 605 A		SIH	60	40	5.0	.500	18.500	H	175	J	30.000	G	100NA	40	63	.001
BD124	NS 605 A		MUL	70			4.000	15.000	H	175	J	60.000	G			35	.500
BD127	NS 54	126	TFK	300	250	5.0	.500	17.500	H	150	J			50NA	150	50	.001
BD128	NS 54	126	TFK	350	300	5.0	.500	17.500	H	150	J			50NA	150	50	.001
BD129	NS 54	126	TFK	400	350	5.0	.500	17.500	H	150	J			50NA	150	50	.001
BD130	NS 605	3	SIH	100	60	7.0	15.000	100.000	H	200	J	1.100	G	5MA	100	45	4.000
BD131	NS 54	126	MUL	70	45		6.000	11.000	H	125	J	60.000	G			40	.500
BD132	PS 54	126	MUL	70	45		6.000	11.000	H	125	J	60.000	G			40	.500
BD133	NS 54	126	MUL	90	60		6.000	11.000	H			60.000	G			40	.500
BD135	NS 54	126	MUL,TFK,IMG	45	45	5.0	1.500	6.500	H	125	J	250.000	G	100NA	30	145	.150
BD135-10	NS 54	126	SIH	45	45	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	100	.150
BD135-16	NS 54	126	SIH	45	45	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	160	.150
BD135-6	NS 54	126	SIH	45	45	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	63	.150
BD136	PS 54	126	MUL,TFK,IMG	45	45	5.0	1.500	6.500	H	125	J	75.000	G	100NA	30	145	.150
BD136-10	PS 54	126	SIH	45	45	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	100	.150
BD136-16	PS 54	126	SIH	45	45	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	160	.150
BD136-6	PS 54	126	SIH	45	45	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	63	.150
BD137	NS 54	126	IMG,TFK,PHI	60	60	5.0	1.500	6.500	H	125	J	250.000	G	100NA	30	100	.150
BD137-10	NS 54	126	SIH	60	60	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	100	.150
BD137-6	NS 54	126	SIH	60	60	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	63	.150
BD138	PS 54	126	IMG,PHI,TFK	60	60	5.0	1.500	6.500	H	125	J	75.000	G	100NA	30	100	.150
BD138-10	PS 54	126	SIH	60	60	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	100	.150
BD138-6	PS 54	126	SIH	60	60	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	63	.150
BD139	NS 54	126	MUL,TFK,IMG	80	80	5.0	1.500	6.500	H	125	J	250.000	G	100NA	30	100	.150
BD139-10	NS 54	126	SIH		80	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	100	.150
BD139-6	NS 54	126	SIH		80	5.0	1.500	12.500	C	150	J	50.000	G	100NA	30	63	.150
BD140	PS 54	126	MUL,IMG,TFK	80	80	5.0	1.500	6.500	H	125	J	75.000	G	100NA	30	100	.150
BD140-10	PS 54	126	SIH		80	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	100	.150
BD140-6	PS 54	126	SIH		80	5.0	1.500	12.500	C	150	J	75.000	G	100NA	30	63	.150
BD148-10	NS 605 F		SIH	60	40	7.0	4.000	31.000	H	200	J	1.000	G	2MA	60	100	.500
BD148-16	NS 605 F		SIH	60	40	7.0	4.000	31.000	H	200	J	1.000	G	2MA	60	160	.500
BD148-6	NS 605 F		SIH	60	40	7.0	4.000	31.000	H	200	J	1.000	G	2MA	60	63	.500
BD149-10	NS 605 F		SIH	80	60	7.0	4.000	31.000	H	200	J	1.000	G	2MA	60	100	.500
BD149-6	NS 605 F		SIH	80	60	7.0	4.000	31.000	H	200	J	1.000	G	2MA	60	63	.500
BD165	NS 54	126	TFK	45	45	5.0	1.500	20.000	C	150	J	3.000	G	100µA	45	40	.150
BD166	PS 54	126	TFK	45	45	5.0	1.500	20.000	C	150	J	3.000	G	100µA	45	40	.150
BD167	NS 54	126	TFK	60	60	5.0	1.500	20.000	C	150	J	3.000	G	100µA	60	40	.150
BD168	PS 54	126	TFK	60	60	5.0	1.500	20.000	C	150	J	3.000	G	100µA	60	40	.150
BD169	NS 54	126	TFK	80	80	5.0	1.500	20.000	C	150	J	3.000	G	100µA	80	40	.150
BD170	PS 54	126	TFK	80	80	5.0	1.500	20.000	C	150	J	3.000	G	100µA	80	40	.150
BD181	NS 605	3	MUL		45		15.000	70.000	H			HP HIFI				45	3.000
BD182	NS 605	3	MUL		60		15.000	117.000	A			HP HIFI				45	4.000
BD183	NS 605	3	MUL		80		15.000	117.000	A			HP HIFI				45	4.000
BD184	NS 605	3	MUL		95		15.000	117.000	A			HP HIFI				45	4.000
BD213/45	NS 54 C		TFK	45	45	7.0	15.000	90.000	C	150	J	3.000	G	500µA	45	25	5.000
BD213/60	NS 54 C		TFK	60	60	7.0	15.000	90.000	C	150	J	3.000	G	500µA	60	25	5.000
BD213/80	NS 54 C		TFK	80	80	7.0	15.000	90.000	C	150	J	3.000	G	500µA	80	15	5.000
BD214/45	PS 54 C		TFK	45	45	7.0	15.000	90.000	C	150	J	3.000	G	500µA	45	25	5.000
BD214/60	PS 54 C		TFK	60	60	7.0	15.000	90.000	C	150	J	3.000	G	500µA	60	25	5.000
BD214/80	PS 54 C		TFK	80	80	7.0	15.000	90.000	C	150	J	3.000	G	500µA	80	15	5.000
BD230	NS 46	126	PHI	125	100		3.000	12.000	C			135.000	G			108	1.500
BD231	PS 46	126	PHI	125	100		3.000	12.000	C			55.000	G			108	1.500
BD232	NS 46	126	PHI	600	300		.250	10.000	C			16.000	G			108	.125
BD233	NS 54	126	MUL,IMG,TFK,SIH	45	45	5.0	2.000	25.000	C	150	J	3.000	G	100µA	45	145	.150
BD234	PS 54	126	MUL,TFK,SIH,IMG	45	45	5.0	2.000	25.000	C	150	J	3.000	G	100µA	45	145	.150
BD235	NS 54	126	MUL,TFK,IMG,SIH	60	60	5.0	2.000	25.000	C	150	J	3.000	G	100µA	60	145	.150
BD236	PS 54	126	MUL,TFK,IMG,SIH	60	60	5.0	2.000	25.000	C	150	J	3.000	G	100µA	60	145	.150
BD237	NS 54	126	PHI,SIH,IMG,TFK	80	80	5.0	2.000	25.000	C	150	J	3.000	G	100µA	80	100	.150
BD238	PS 54	126	PHI,TFK,IMG,SIH	80	80	5.0	2.000	25.000	C	150	J	3.000	G	100µA	80	100	.150
BD306A	NS 54	126	IMG	36	36	5.0	2.500	12.500	C	125	J	100.000	G	500NA	32	100	.500
BD306B	NS 54	126	IMG	36	36	5.0	2.500	12.500	C	125	J	100.000	G	500NA	32	200	.500
BD307A	NS 54	126	IMG	64	64	5.0	2.500	12.500	C	125	J	100.000	G	500NA	60	100	.500
BD307B	NS 54	126	IMG	64	64	5.0	2.500	12.500	C	125	J	100.000	G	500NA	60	200	.500
BD433	NS 54	126	IMG	22	22	5.0	7.000	36.000	C	150	J	3.000	G	100µA	22	50	2.000
BD434	PS 54	126	IMG	22	22	5.0	7.000	36.000	C	150	J	3.000	G	100µA	22	50	2.000
BD435	NS 54	126	IMG	32	32	5.0	7.000	36.000	C	150	J	3.000	G	100µA	32	50	2.000
BD436	PS 54	126	IMG	32	32	5.0	7.000	36.000	C	150	J	3.000	G	100µA	32	50	2.000
BD437	NS 54	126	IMG	45	45	5.0	7.000	36.000	C	150	J	3.000	G	100µA	45	40	2.000
BD438	PS 54	126	IMG	45	45	5.0	7.000	36.000	C	150	J	3.000	G	100µA	45	40	2.000
BD439	NS 54	126	IMG	60	60	5.0	7.000	36.000	C	150	J	3.000	G	100µA	60	25	2.000
BD440	PS 54	126	IMG	60	60	5.0	7.000	36.000	C	150	J	3.000	G	100µA	60	25	2.000
BD441	NS 54	126	IMG	80	80	5.0	7.000	36.000	C	150	J	3.000	G	100µA	80	15	2.000
BD442	PS 54	126	IMG	80	80	5.0	7.000	36.000	C	150	J	3.000	G	100µA	80	15	2.000
BD585	NS 44 A		TFK	45	45	5.0	4.000	42.000	C	150	J	3.000	G	100µA	45	40	.500
BD586	PS 44 A		TFK	45	45	5.0	4.000	42.000	C	150	J	3.000	G	100µA	45	40	.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
BD587	NS 44 A		TFK	60	60	5.0	4.000	42.000	C	150	J	3.000	G	100µA	60	40	.500
BD588	PS 44 A		TFK	60	60	5.0	4.000	42.000	C	150	J	3.000	G	100µA	60	40	.500
BD589	NS 44 A		TFK	80	80	5.0	4.000	42.000	C	150	J	3.000	G	100µA	80	30	.500
BD590	PS 44 A		TFK	80	80	5.0	4.000	42.000	C	150	J	3.000	G	100µA	80	30	.500
BD595	NS 44 A		TFK	45	45	5.0	8.000	55.000	C	150	J	3.000	G	100µA	45	40	1.000
BD596	PS 44 A		TFK	45	45	5.0	8.000	55.000	C	150	J	3.000	G	100µA	45	40	1.000
BD597	NS 44 A		TFK	60	60	5.0	8.000	55.000	C	150	J	3.000	G	100µA	60	40	1.000
BD598	PS 44 A		TFK	60	60	5.0	8.000	55.000	C	150	J	3.000	G	100µA	60	40	1.000
BD599	NS 44 A		TFK	80	80	5.0	8.000	55.000	C	150	J	3.000	G	100µA	80	30	1.000
BD600	PS 44 A		TFK	80	80	5.0	8.000	55.000	C	150	J	3.000	G	100µA	80	30	1.000
BDY10	NS 605	3	RAD	50	50		4.000	150.000	C	175	J	.500	B			24	
BDY11	NS 605	3	RAD	80	80		4.000	150.000	C	175	J	.500	B			24	
BDY12	NS 605 A		SIH		60S	5.0	2.000	26.000	C	175	J	30.000	G	100µA	40	105	1.000
BDY13	NS 605 A		SIH		80S	5.0	2.000	26.000	C	175	J	30.000	G	100µA	60	105	1.000
BDY15A	NS 605 A		IMG	36	36	5.0	2.500	11.500	C	175	J	100.000	G	100NA	30	100	.500
BDY15B	NS 605 A		IMG	36	36	5.0	2.500	11.500	C	175	J	100.000	G	100NA	30	200	.500
BDY15C	NS 605 A		IMG	36	36	5.0	2.500	11.500	C	175	J	100.000	G	100NA	30	400	.500
BDY16A	NS 605 A		IMG	64	64	5.0	2.500	11.500	C	175	J	100.000	G	100NA	60	100	.500
BDY16B	NS 605 A		IMG	64	64	5.0	2.500	11.500	C	175	J	100.000	G	100NA	60	200	.500
BDY20	NS 605	3	PHI	125	75		15.000	115.000	C			1.100	G			50	7.500
BDY23A	NS 605	3	SES	60	60	10.0	6.000	85.000	C	200	J	10.000	G	1MA	60	30	2.000
BDY23B	NS 605	3	SES	60	60	10.0	6.000	85.000	C	200	J	10.000	G	1MA	60	60	2.000
BDY23C	NS 605	3	SES	60	60	10.0	6.000	85.000	C	200	J	10.000	G	1MA	60	120	2.000
BDY24A	NS 605	3	SES	100	90	10.0	6.000	85.000	C	200	J	10.000	G	1MA	90	30	2.000
BDY24B	NS 605	3	SES	100	90	10.0	6.000	85.000	C	200	J	10.000	G	1MA	90	60	2.000
BDY24C	NS 605	3	SES	100	90	10.0	6.000	85.000	C	200	J	10.000	G	1MA	90	120	2.000
BDY25A	NS 605	3	SES	200	140	10.0	6.000	85.000	C	200	J	10.000	G	1MA	120	30	2.000
BDY25B	NS 605	3	SES	200	140	10.0	6.000	85.000	C	200	J	10.000	G	1MA	120	60	2.000
BDY25C	NS 605	3	SES	200	140	10.0	6.000	85.000	C	200	J	10.000	G	1MA	120	120	2.000
BDY26A	NS 605	3	SES	300	180	10.0	6.000	85.000	C	200	J	10.000	G	1MA	180	30	2.000
BDY26B	NS 605	3	SES	300	180	10.0	6.000	85.000	C	200	J	10.000	G	1MA	180	60	2.000
BDY26C	NS 605	3	SES	300	180	10.0	6.000	85.000	C	200	J	10.000	G	1MA	180	120	2.000
BDY27A	NS 605	3	SES	400	200	10.0	6.000	85.000	C	200	J	10.000	G	1MA	200	30	2.000
BDY27B	NS 605	3	SES	400	200	10.0	6.000	85.000	C	200	J	10.000	G	1MA	200	60	2.000
BDY27C	NS 605	3	SES	400	200	10.0	6.000	85.000	C	200	J	10.000	G	1MA	200	120	2.000
BDY28A	NS 605	3	SES	500	250	10.0	6.000	85.000	C	200	J	10.000	G	1MA	250	30	2.000
BDY28B	NS 605	3	SES	500	250	10.0	6.000	85.000	C	200	J	10.000	G	1MA	250	60	2.000
BDY28C	NS 605	3	SES	500	250	10.0	6.000	85.000	C	200	J	10.000	G	1MA	250	120	2.000
BDY34	NS 54	126	TFK	45	40	5.5	3.000	21.000	H	150	J	80.000	G	100NA	40	165	.002
BF110	NS 210	39	TFK,SIH	150	150S	5.0	.040	2.500	C	175	J	150.000	G	100NA	140	30	.010
BF111	NS 211	39	SIH		200R	5.0	.080	3.000	H	175	J	120.000	G	200NA	160	30	.060
BF114	NS 210	18	TFK	150	145R	5.0	.040	2.600	C	175	J	80.000	G	100NA	100	30	.010
BF115	NS 218	72	TFK,SIH,MUL	50	30	4.0	.030	.145	A	175	J	230.000	G	500NA	10	80	.001
BF117	NS 211	39	IMG	140	140	5.0	.100	1.270	H	175	J	80.000	G	10NA	100	38	.030
BF118	NS 211	39	IMG	250	250R	5.0	.100	5.000	C	175	J	110.000	G	50NA	200	38	.030
BF119	NS 211	39	IMG	160	160R	5.0	.100	5.000	C	175	J	110.000	G	50NA	100	38	.030
BF120	NS 211	18	IMG		220	5.0	.050	.300	A	175	J			200NA	200	30	.010
BF121	NS 230 A		IMG		30	4.0	.025	.330	A	125	J	350.000	G			72	.001
BF123	NS 230 A		IMG		30	4.0	.030	.330	A	125	J	550.000	G			90	.007
BF125	NS 230 A		IMG		30	4.0	.030	.330	A	125	J	450.000	G			84	.002
BF127	NS 230 A		IMG		30	4.0	.025	.330	A	125	J	350.000	G			80	.004
BF137	NS 211	39	IMG	160	160	5.0	.100	.680	A	175	J	95.000	G	10NA	100	25	.030
BF167	NS 218	72	TFK,SES,SIH,MUL,NSC	40	30	4.0	.025	.130	A	175	J	350.000	G			57	.004
BF168	NS 218	72	TFK	50	30	4.0	.025	.260	A	175	J	550.000	G	300NA	20	100	.007
BF173	NS 218	72	SIH,MUL,NSC,TFK	40	25	4.0	.025	.260	A	175	J	550.000	G			88	.007
BF177	NS 211	39	SIH,MUL,TFK	80	100R	5.0	.050	.600	A	175	J	120.000	G			30	.015
BF178	NS 211	39	SIH,MUL,TFK	145	185R	5.0	.050	.600	A	175	J	120.000	G			30	.030
BF179A	NS 211	39	SIH,TFK		185R	5.0	.050	.600	A	175	J	120.000	G			30	.020
BF179B	NS 211	39	SIH,TFK		220R	5.0	.050	.600	A	175	J	120.000	G			30	.020
BF179C	NS 211	39	SIH,TFK		250R	5.0	.050	.600	A	175	J	120.000	G			30	.020
BF180	NS 217	72	MUL	30			.020	.150	A			675.000	G				
BF181	NS 217	72	MUL	30			.020	.150	A			600.000	G				
BF182	NS 217	72	MUL	25	20		.015	.150	A			650.000	G				
BF183	NS 217	72	MUL	25	20		.015	.150	A			800.000	G				
BF184	NS 218	72	SIH,MUL,TFK	30	20	5.0	.030	.145	A	175	J	300.000	G			115	.001
BF185	NS 218	72	SIH,MUL,TFK	30	20	5.0	.030	.145	A	175	J	220.000	G			67	.001
BF194	NS 984 A		SIH,MUL,NSC,TFK	30	20	5.0	.030	.300	A	150	J	260.000	G			138	.001
BF195	NS 984 A		SIH,MUL,NSC,TFK	30	20	5.0	.030	.300	A	150	J	200.000	G			80	.001
BF196	NS 984 A		MUL,TFK	40	30	4.0	.025	.300	A	150	J	400.000	G			80	.004
BF197	NS 984 A		MUL,TFK	40	25	4.0	.025	.300	A	150	J	550.000	G			88	.007
BF198	NS 42	92	IMG,SIH,NSC,TFK	40	30	4.0	.025	.300	A	150	J	400.000	G	100NA	40	80	.004
BF199	NS 42	92	IMG,TFK,SIH,NSC	40	25	4.0	.025	.300	A	150	J	550.000	G	100NA	40	88	.007
BF200	NS 217	72	MUL	30	20		.020	.150	A			550.000	G				
BF223	NS 984 A		TFK	35	25	4.0	.040	.360	A	150	J	750.000	G	50NA	20	79	.015
BF224J	NS 39	92	TIL	45	30	4.0	.050	.360	A			300.000	G			45	.007
BF225J	NS 39	92	TIL	50	40	4.0	.050	.360	A			400.000	G			45	.004
BF227	NS 33 A		TFK	40	25	4.0	.025	.050	A	125	J	600.000	G			100	.003
BF228	NS 32 A		TFK	100	90R	7.0	.050	.050	A	125	J	50.000	G	100NA	75	30	.002
BF229	NS 33 A		TFK	30	20	5.0	.030	.050	A	125	J	260.000	G			115	.001
BF230	NS 33 A		TFK	30	20	5.0	.030	.050	A	125	J	200.000	G			67	.001
BF232	NS 218	72	SIH		48S	4.0	.030	.270	A	175	J	600.000	G			45	.007
BF237	NS 168	18	TIL	55	30	4.0	.030	.360	A			1.000				45	.001
BF238	NS 168	18	TIL	45	30	4.0	.030	.360	A			1.000				105	.001
BF240	NS 42	92	IMG,SIH,TFK	40	40	4.0	.025	.300	A	150	J	430.000	G	100NA	20	144	.001
BF241	NS 42	92	IMG,SIH,TFK	40	40	4.0	.025	.300	A	150	J	400.000	G	100NA	20	81	.001
BF254	NS 42	92	IMG,TFK,SIH	30	20	5.0	.030	.220	A	125	J	260.000	G			115	.001
BF255	NS 42	92	IMG,SIH,TFK	30	20	5.0	.030	.220	A	125	J	200.000	G			67	.001
BF257	NS 211	39	IMG,TIL,TFK,SIH	160	160	5.0	.100	5.000	C	175	J	90.000	G	50NA	100	25	.030
BF258	NS 211	39	IMG,TIL,SIH,TFK	250	250	5.0	.100	5.000	C	175	J	90.000	G	50NA	200	25	.030
BF259	NS 211	39	IMG,TIL,TFK,SIH	300	300	5.0	.100	5.000	C	175	J	90.000	G	50NA	250	25	.030
BF310	NS 41 B		SIH,TFK	30	30	4.0	.025	.300	A	150	J	580.000	G	60NA	20		
BF311	NS 42	92	TFK	35	25	4.0	.040	.360	A	150	J	750.000	G	50NA	20	79	.015
BF314	NS 41 A		SIH,TFK	30	30	4.0	.025	.300	A	150	J	580.000	G	60NA	20		
BF324	PS 41	92	IMG,SIH	30	30	4.0	.025	.250	H	150	J	350.000	G	50NA	30	45	.001
BF333	NS 42	92	NSC	30	20	5.0										78	.001
BF336	NS 211	5	MUL	185	180		.100	3.000	A			80.000	G			20	.030
BF337	NS 211	5	MUL	250	200		.100	3.000	A			80.000	G			20	.030
BF338	NS 211	5	MUL	300	225		.100	3.000	A			80.000	G			20	.030
BF377	NS 41	92	TFK	30	15	2.5	.025	.300	A	150	J	1000.000	G	10NA	15	90	.002
BF378	NS 42	92	TFK	30	15	2.5	.025	.300	A	150	J	1000.000	G	10NA	15	90	.002
BF379	PS 41	92	TFK	40	25	4.0	.025	.300	A	150	J	350.000	G	50NA	20	80	.001
BF414	PS 41	92	TFK	40	30	4.0	.025	.300	A	150	J	400.000	G	60NA	20	80	.001
BF440	PS 42	92	TFK	40	40	4.0	.025	.300	A	150	J	250.000	G	100NA	20	140	.001
BF441	PS 42	92	TFK	40	40	4.0	.025	.300	A	150	J	250.000	G	100NA	20	78	.001
BF450	PS 42	92	IMG,SIH	40	40	4.0	.025	.150	A	125	J	375.000	G	50NA	30	60	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND				
BF451	PS 42	92	IMG,SIH	40	40	4.0	.025	.150	A	125	J	325.000	G	50NA 30	30 .001
BF457	NS 48 C		IMG,SIH	160	160	5.0	.100	1.200	A	150	J	90.000	G	50NA 100	25 .030
BF458	NS 48 C		IMG,SIH	250	250	5.0	.100	1.200	A	150	J	90.000	G	50NA 200	25 .030
BF459	NS 48 C		IMG,SIH	300	300	5.0	.100	1.200	A	150	J	90.000	G	50NA 250	25 .030
BFS29	NS 890 A		TIL	45	45	5.0	.200	.300	A						105 .100
BFS30	NS 890 A		TIL	45	45	5.0	.200	.300	A						175 .010
BFS31	NS 890 A		TIL	45	30	5.0	.200	.300	A						195 .010
BFS32	PS 890 A		TIL	45	45	5.0	.200	.300	A			200.000	G		70 .100
BFS33	PS 890 A		TIL	45	45	5.0	.200	.300	A			200.000	G		160 .010
BFS34	PS 890 A		TIL	45	30	5.0	.200	.300	A			200.000	G		212 .010
BFS50	NS 211	39	TFK	36	18	3.5	.400	2.750	H	200	J	600.000	G	20μA 12	10 .120
BFS51	NS 211	39	TFK	40	20	4.0	.750	5.000	H	200	J	450.000	G	100μA 15	15 .500
BFS57	NS 890 A		TIL	25	15	3.0	.050	.200	A			1400.000	G		58 .005
BFS58	NS 890 A		TIL	25	13	3.0	.050	.200	A			1000.000	G		95 .005
BFS59	NS 56 A		FER	60	30	5.0	1.000	.500	A	175	S	150.000	G	100NA 30	170 .150
BFS60	NS 56 A		FER	60	40	5.0	1.000	.500	A	175	S	150.000	G	100NA 40	200 .150
BFS61	NS 56 A		FER	80	60	5.0	1.000	.500	A	175	S	150.000	G	100NA 60	100 .150
BFS62	NS 218	72	TFK	40	25	4.0	.025	.200	A	175	J	580.000	G	100NA 20	90 .007
BFS69	PS 9 A		TFK	30	25	5.0	.100	.100	A	125	J	50.000	G	50NA 20	100 .002
BFS85	NS 982 A		FER	25	12	.5	.050	.350	A	175	J	1000.000	G	1μA 15	88 .002
BFS86	NS 987 A		TFK	50	30	3.0	.300	3.000	H	150	J	1000.000	G	20μA 28	20 .060
BFS88	NS 982 A		FER	30	15	2.5	.050	.350	A	175	J	1000.000	G	10NA 15	88 .002
BFS96	PS 56 A		FER	60	30	5.0	1.000	.500	A	175	S	150.000	G	100NA 30	170 .150
BFS97	PS 56 A		FER	60	40	5.0	1.000	.500	A	175	S	150.000	G	100NA 40	200 .150
BFS98	PS 56 A		FER	80	60	5.0	1.000	.500	A	175	S	150.000	G	100NA 60	100 .150
BFW60	NS 985 A		MUL	40	35		1.000	.300	A			80.000	G		50 .100
BFX29	PS 211	5	MUL	60	60		.600	.600	A			100.000	G		125 .010
BFX33	NS 211	39	TFK	55	30	3.5	.400	2.850	H	200	J	600.000	G	100NA 30	25 .080
BFX55	NS 210	39	SIH	60	40	3.5	.400	3.700	C	175	J	500.000	G	50NA 40	80 .050
BFX59	NS 217	72	SIH	30	20	3.0	.100			175	J	800.000	G	10NA 20	120 .010
BFX60	NS 218	72	SIH	40	25	4.0	.025	.230	A	175	J	550.000	G		75 .007
BFX62	NS 217	72	SIH	30		4.0	.012	.150	A	200	J	650.000	G		40 .002
BFX84	NS 211	5	MUL	100	60		1.000	.800	A			50.000	G		112 .150
BFX88	PS 211	5	MUL	40	40		.600	.600	A			100.000	G		125 .010
BFX89	NS 217	72	TFK	30	15	2.5	.025	.175	A	200	J	800.000	G		20 .002
BFY10	NS 210	5	RAD	45	45		.050	.300	A	175	J	50.000	B		50
BFY11	NS 210	5	RAD	45	45		.050	.300	A	175	J	60.000	B		80
BFY27	SEE 2N915														
BFY33	NS 210	39	SIH	50	24	7.0	.500	2.600	C	200	J	100.000	G	20NA 40	60 .150
BFY34	NS 210	39	SIH	40	30	7.0	.500	2.600	C	200	J	60.000	G	10NA 60	70 .150
BFY39-1	NS 211	18	IMG	45	25	5.0	.100	.300	A	175	J	150.000	G	50NA 30	62 .010
BFY39-2	NS 211	18	IMG	45	25	5.0	.100	.300	A	175	J	150.000	G	50NA 30	150 .010
BFY39-3	NS 211	18	IMG	45	25	5.0	.100	.300	A	175	J	150.000	G	50NA 30	280 .010
BFY40	NS 211	39	IMG	60	30	7.0	.750	.800	A	200	J	100.000	G	100NA 30	75 .050
BFY41	NS 211	39	IMG	120	60	5.0	.500	.800	A	200	J	100.000	G	100NA 90	53 .050
BFY45	NS 210	39	SIH		140S	5.0	.030	2.500	C	200	J	130.000	G	100NA 140	60 .010
BFY46	NS 210	39	SIH	75	30	7.0	.500	2.600	C	200	J	70.000	G	10NA 60	175 .150
BFY50	NS 211	39	IMG,TIL,MUL	80	35	6.0	1.000	2.800	H	200	J	100.000	G	50NA 60	30 .150
BFY51	NS 211	39	IMG,TIL,MUL	60	30	6.0	1.000	2.800	H	200	J	110.000	G	50NA 40	45 .150
BFY52	NS 211	39	IMG,TIL,MUL	40	20	6.0	1.000	2.800	H	200	J	120.000	G	50NA 30	45 .150
BFY65	NS 211	39	TFK	100	80	7.0	.100	.565	A	175	J	50.000	G	100NA 75	30 .015
BFY66	SEE 2N918														
BFY69	NS 9 A		TFK	25	15	5.0		.105	A	125	J	50.000	G	100NA 25	50 .002
BFY69A	NS 9 A		TFK	25	15	5.0		.105	A	125	J	50.000	G	100NA 25	50 .002
BFY69B	NS 8 B		TFK	25	18	5.0		.060	A	150	J	20.000	G	50NA 18	50 .010
BFY80	NS 211	18	TFK	100	80	7.0	.100	.260	A	175	J	50.000	G	100NA 75	30 .015
BFY85	NS 260 A		TFK	45	45	5.0	.100	.210	A	125	J	50.000	G	20NA 45	
BFY86	NS 260 A		TFK	45	45	5.0	.100	.210	A	125	J	50.000	G	10NA 45	
BFY87	NS 32 A		TFK	25	15	5.0		.050	A	125	J	50.000	G	100NA 25	50 .002
BFY87A	NS 32 A		TFK	25	15	5.0		.050	A	125	J	50.000	G	100NA 25	50 .002
BFY88	NS 218	72	TFK	40	25	3.5	.025	.175	A	175	J	850.000	G	45NA 20	
BFY90	NS 217	72	MUL,FER,SIH	30	15	2.5	.025	.200	A	200	J	1000.000	G	10NA 15	88 .002
BLW17	SEE RF POWER SECTION														
BLW39	SEE RF POWER SECTION														
BLX89	SEE RF POWER SECTION														
BLY38	SEE RF POWER SECTION														
BLY39	SEE RF POWER SECTION														
BLY47	NS 605	3	TIL	100	75	8.0	3.000	40.000	C			15.000	G		55 1.000
BLY47A	NS 605	66	TIL	100	75	8.0	3.000	40.000	C			15.000	G		55 1.000
BLY48	NS 605	3	TIL	100	75	8.0	3.000	40.000	C			15.000	G		110 1.000
BLY48A	NS 605	66	TIL	100	75	8.0	3.000	40.000	C			15.000	G		110 1.000
BLY49	NS 605	3	TIL	250	150	8.0	3.000	40.000	C			15.000	G		55 1.000
BLY49A	NS 605	66	TIL	250	150	8.0	3.000	40.000	C			15.000	G		55 1.000
BLY50	NS 605	3	TIL	250	150	8.0	3.000	40.000	C			15.000	G		110 1.000
BLY50A	NS 605	66	TIL	250	150	8.0	3.000	40.000	C			15.000	G		110 1.000
BLY53B	SEE RF POWER SECTION														
BLY61	SEE RF POWER SECTION														
BLY62	SEE RF POWER SECTION														
BLY63	SEE RF POWER SECTION														
BLY78	NS 543	60	TFK	40	40	4.0	1.000	8.000	H	200	J	450.000	G	100μA 15	25 .750
BLY79	NS 543	60	TFK	40	20	4.0	2.000	16.500	H	200	J	400.000	G	250μA 15	25 1.000
BR100A	SEE 2N5527														
BR100B	NS 541 B		SOL	60	40	3.0	5.000	7.500	C	200	J	500.000	G	100μA 30	100 3.000
BR100C	SEE 2N5528														
BR100D	NS 540	60	SOL	60	40	3.0	10.000	35.000	C	200	J	500.000	G	100μA 30	100 3.000
BR100E	SEE 2N5529														
BR100F	SEE 2N5530														
BR101A	SEE 2N5531														
BR101B	NS 541 B		SOL	90	70	3.0	5.000	7.500	C	200	J	500.000	G	100μA 30	68 3.000
BR101C	SEE 2N5532														
BR101D	NS 540	60	SOL	90	70	3.0	10.000	35.000	C	200	J	500.000	G	100μA 30	68 3.000
BR101E	SEE 2N5533														
BR101F	SEE 2N5534														
BR200A	SEE 2N5535														
BR200B	SEE 2N5536														
BR201A	SEE 2N5537														
BR201B	SEE 2N5538														
BR300A	NS 561	61	SOL	60	50		25.000	50.000	C						90 10.000
BR300B	NS 560	61	SOL	60	50		25.000	50.000	C						90 10.000
BR301A	NS 561	61	SOL	90	75		25.000	50.000	C						90 10.000
BR301B	NS 560	61	SOL	90	75		25.000	50.000	C						90 10.000
BR400A	NS 561	61	SOL	60	50		25.000	50.000	C						90 5.000
BR400B	NS 560	61	SOL	60	50		25.000	50.000	C						90 5.000
BR401A	NS 561	61	SOL	90	75		25.000	50.000	C						5.000
BR401B	NS 560	61	SOL	90	75		25.000	50.000	C						90 5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
BSC-1015	NS 412	82	BEN	30		10.0	.750	15.000	C	150	J	.020	E			20	
BSC-1015A	NS 412	82	BEN	60		10.0	.750	15.000	C	150	J	.020	E			20	
BSC-1015B	NS 412	82	BEN	100		10.0	.750	15.000	C	150	J	.020	E			20	
BSC-1016	NS 412	82	BEN	30		10.0	.750	15.000	C	150	J	.020	E			20	
BSC-1016A	NS 412	82	BEN	60		10.0	.750	15.000	C	150	J	.020	E			20	
BSC-1016B	NS 412	82	BEN	100		10.0	.750	15.000	C	150	J	.020	E			20	
BSV15	PS 211	39	TFK		40	5.0	1.000	3.200	H	175	J	50.000	G	100NA	40		
BSV16	PS 211	39	TFK		60	5.0	1.000	3.200	H	175	J	50.000	G	100NA	60		
BSV51	NS 985 A		TFK	100	80	7.0	.200	.250	A	150	J	50.000	G	100NA	75	30	.002
BSV53	NS 890 A		TIL	40	15	4.0	.200	.300	A			400.000	G			70	.010
BSV54	NS 890 A		TIL	20	12	4.0	.200	.300	A			400.000	G			50	.010
BSV55	PS 890 A		TIL	20	15	5.0	.200	.300	A			400.000	G			78	.030
BSV55A	PS 890 A		TIL	12	12	4.0	.200	.300	A			400.000	G			78	.030
BSV60	NS 211	39	TFK	45	40	5.0	3.000	.800	A	200	J	50.000	G	100NA	40	80	2.000
BSV69	NS 211	39	TFK	45	40	6.0	1.000	.800	A	200	J			500NA	40	40	.500
BSW11	NS 32 A		TFK	25	15	5.0	.030	.050	A	125	J	400.000	G	100NA	20	50	.010
BSW12	NS 32 A		TFK	40	20	5.0	.200	.050	A	125	J	200.000	G	50NA	20	95	.010
BSW19	PS 211	18	TFK	35	30	5.0	.100	.300	A	175	J	150.000	G	20NA	25	200	.010
BSW20	PS 41	92	TFK	35	30	5.0	.100	.280	A	150	J	150.000	G	20NA	25	200	.010
BSW72	PS 211	18	IMG	40	25	5.0	.500	.400	A	200	J	150.000	G	100NA	30	80	.150
BSW73	PS 211	18	IMG	40	25	5.0	.500	.400	A	200	J	150.000	G	100NA	30	200	.150
BSW74	PS 211	18	IMG	75	40	5.0	.500	.400	A	200	J	150.000	G	10NA	50	80	.150
BSW75	PS 211	18	IMG	75	40	5.0	.500	.400	A	200	J	150.000	G	10NA	50	200	.150
BSW82	NS 211	18	IMG	40	25	5.0	.500	.500	A	175	J	250.000	G	100NA	30	80	.150
BSW83	NS 211	18	IMG	40	25	5.0	.500	.500	A	175	J	250.000	G	100NA	30	200	.150
BSW84	NS 211	18	IMG	75	40	5.0	.500	.500	A	175	J	250.000	G	10NA	50	80	.150
BSW85	NS 211	18	IMG	75	40	5.0	.500	.500	A	175	J	250.000	G	10NA	50	200	.150
BSW88	NS 43	92	TFK	35	30	5.0	.100	.300	A	150	J	200.000	G	50NA	20	200	.010
BSW89	NS 41	92	TFK	35	30	5.0	.100	.300	A	150	J	200.000	G	50NA	20	200	.010
BSX22	NS 211	39	IMG	40	32	5.0	1.500	.800	A	175	J	100.000	G	1μA	10	35	.500
BSX23	NS 211	39	IMG	90	65	5.0	1.500	.800	A	175	J	100.000	G	1μA	30	35	.500
BSX25	NS 211	18	TFK	40	25	5.0	.300	.360	A	200	J	50.000	G	50NA	30	30	.005
BSX38	NS 211	18	TFK	35	30	5.0	.100	.345	A	200	J	200.000	G	20NA	25	200	.010
BSX40	PS 211	39	IMG	30	30	5.0	.500	.800	A	200	J	100.000	G	25NA	25	70	.150
BSX41	PS 211	39	IMG	30	30	5.0	.500	.800	A	200	J	150.000	G	25NA	25	175	.150
BSX45	NS 211	39	SIH,TFK	40	40	7.0	1.000	5.000	C	200	J	50.000	G	10NA	60	70	.100
BSX46	NS 211	39	SIH,TFK	60	60	7.0	1.000	5.000	A	200	J	50.000	G	10NA	60	70	.100
BSX48	NS 210	18	SIH	50	25	5.0	.600	1.000	C	200	J	400.000	G	120NA	50	42	.100
BSX49	NS 210	18	SIH	60	40	5.0	.600	1.000	C	200	J	400.000	G	70NA	50	42	.100
BSX59	NS 211	5	FER	70	45	5.0	1.000	.800	A	200	A	250.000	G	500NA	40	25	.500
BSX60	NS 211	5	FER	70	30	5.0	1.000	.800	A	200	A	250.000	G	500NA	40	60	.500
BSX61	NS 211	5	FER	70	45	5.0	1.000	.800	A	200	A	250.000	G	500NA	40	25	.500
BSX62	NS 211	39	SIH		60S	5.0	2.000	4.400	C	200	J	30.000	G	100NA	40	105	1.000
BSX63	NS 211	39	SIH		80S	5.0	2.000	4.400	C	200	J	30.000	G	100NA	60	68	1.000
BSX68	NS 988 A		TFK	30	15	5.0	.100	.125	A	125	J	175.000	G	500NA	20	165	.010
BSX69	NS 988 A		TFK	30	20	5.0	.100	.125	A	125	J	175.000	G	500NA	20	120	.010
BSX72	NS 211	39	TFK	40	25	5.0	1.000	.700	A	175	J	100.000	G	100NA	30	145	.150
BSX75	NS 211	18	TFK	40	25	5.0	.800	.430	A	175	J	100.000	G	100NA	30	145	.150
BSX79	NS 211	18	TFK	50	45	5.0	.100	.345	A	200	J	200.000	G	10NA	25	200	.010
BSX80	NS 988 B		TFK	35	15	5.0	.230	.150	A	125	J	200.000	G	50NA	25	50	.010
BSX81	NS 985 A		TFK	35	30	5.0	.100	.300	A	150	J	200.000	G	50NA	20	200	.010
BSY10	NS 210	5	RAD	60	60		.050	.300	A	175	J	60.000	B			90	
BSY11	NS 210	5	RAD	60	60		.050	.300	A	175	J	50.000	B			120	
BSY17	NS 210	18	SIH	20	12	5.0	.200	1.000	C	200	J	280.000	G	1μA	20	35	.010
BSY18	NS 210	18	SIH	20	12	5.0	.200	1.000	C	200	J	280.000	G	1μA	20	70	.010
BSY19			SEE 2N708														
BSY21			SEE 2N914														
BSY34	NS 210	39	SIH	60	40	5.0	.600	2.600	C	200	J	250.000	G	70NA	50	42	.100
BSY44			SEE 2N1613														
BSY45			SEE 2N1893														
BSY46			SEE 2N2193														
BSY51	NS 211	39	IMG	60	25	5.0	.500	.800	A	200	J	100.000	G	100NA	30	80	.150
BSY52	NS 211	39	IMG	60	25	5.0	.500	.800	A	200	J	130.000	G	100NA	30	200	.150
BSY53	NS 211	39	IMG	75	30	7.0	.750	.800	A	200	J	100.000	G	10NA	60	80	.150
BSY54	NS 211	39	IMG	75	30	7.0	.750	.800	A	200	J	145.000	G	10NA	60	200	.150
BSY55	NS 211	39	IMG,TFK	120	80	7.0	.500	.800	A	200	J	100.000	G	10NA	90	80	.150
BSY56	NS 211	39	IMG,TFK	120	80	7.0	.500	.800	A	200	J	100.000	G	10NA	90	200	.150
BSY58	NS 210	39	SIH	50	25	5.0	.600	2.600	C	200	J	250.000	G	120NA	50	42	.100
BSY61	NS 43	92	SIH	25	15	5.0	.200	.200	A	125	J	200.000	G	500NA	15	105	.010
BSY62	NS 210	18	SIH	25	15	5.0	.200	1.000	C	200	J	200.000	G	500NA	15	95	.010
BSY63	NS 210	18	SIH	40	15	5.0	.200	1.000	C	200	J	300.000	G	25NA	20	60	.010
BSY70			SEE 2N706														
BSY71			SEE 2N1711														
BSY72	NS 211	18	IMG	25	18	5.0	.100	.300	A	175	J	170.000	G	100NA	20	142	.001
BSY73	NS 211	18	IMG	25	18	5.0	.100	.300	A	175	J	145.000	G	100NA	20	60	.001
BSY74	NS 211	18	IMG	25	18	5.0	.100	.300	A	175	J	170.000	G	100NA	20	142	.001
BSY75	NS 211	18	IMG	40	32	5.0	.100	.300	A	175	J	145.000	G	50NA	32	60	.001
BSY76	NS 211	18	IMG	40	32	5.0	.100	.300	A	175	J	170.000	G	50NA	32	142	.001
BSY77	NS 211	18	IMG	80	64	5.0	.100	.300	A	175	J	145.000	G	50NA	65	60	.001
BSY78	NS 211	18	IMG	80	64	5.0	.100	.300	A	175	J	170.000	G	50NA	65	142	.001
BSY79	NS 211	18	IMG	120		5.0	.030	.300	A	175	J	100.000	G	50NA	90	45	.001
BSY80	NS 211	18	IMG	25	18	5.0	.100	.300	A	175	J	210.000	G	100NA	20	300	.001
BSY81	NS 211	39	IMG	40	18	5.0	1.000	.900	A	200	J	100.000	G	100NA	30	85	.150
BSY82	NS 211	39	IMG	40	18	5.0	1.000	.900	A	200	J	120.000	G	100NA	30	190	.150
BSY83	NS 211	39	IMG	80	35	7.0	1.000	.900	A	200	J	100.000	G	10NA	60	85	.150
BSY84	NS 211	39	IMG	80	35	7.0	1.000	.900	A	200	J	120.000	G	10NA	60	190	.150
BSY85	NS 211	39	IMG	120	64	7.0	1.000	.900	A	200	J	110.000	G	10NA	90	85	.150
BSY86	NS 211	39	IMG	120	64	7.0	1.000	.900	A	200	J	130.000	G	10NA	90	190	.150
BSY87	NS 211	39	IMG	100	60	7.0	.500	.800	A	200	J	100.000	G	10NA	75	80	.150
BSY88	NS 211	39	IMG	100	60	7.0	.500	.800	A	200	J	145.000	G	10NA	75	200	.150
BSY90	NS 211	39	IMG	60	25	5.0	.500	.800	A	200	J	170.000	G	10NA	30	375	.150
BSY91	NS 210	5	TFK	40	25	5.0		.700	A	200	J	50.000	G	50NA	30	30	.005
BSY92	NS 211	39	TFK	60	40	5.0	.300	.800	A	200	J	50.000	G	20NA	50	60	.010
BSY93	NS 211	18	TFK	60	40	5.0	.300	.360	A	200	J	50.000	G	20NA	50	60	.010
BSY95A	NS 211	18	IMG,FER	20	15	5.0	.300	.300	A	150	J	200.000	G	50NA	16	125	.010
BU105	NS 605	3	MUL,TFK	750	750R		2.500	10.000	H	115	J	HVP TEL	G				
BU106	NS 605	3	TIL	325	140	8.0	10.000	50.000	C			15.000	G			12	4.000
BU107	NS 605	3	TIL	300	120	8.0	10.000	50.000	C			15.000	G			8	7.000
BU108	NS 605	3	TFK		750R		5.000	12.500	H	115	J	7.000	G				
BU110	NS 605	3	SIH	330	150	6.0	1.000	60.000	H	175	J	25.000	G	15MA	330	5	7.000
BU111	NS 605	3	SIH	400	300	6.0	6.000	50.000	H	150	J	20.000	G	15MA	400	5	3.000
BU114	NS 605	3	SIH	250	150	6.0	6.000	50.000	H	150	J	20.000	G	15MA	250	5	3.000
BUY12	NS 609 A		SIH	210	80	5.0	10.000	70.000	C	150	J	5.000	G	200μA	150	21	8.000
BUY13	NS 609 A		SIH	120	70	5.0	10.000	70.000	C	150	J	5.000	G	200μA	80	21	8.000
BUY14	NS 605 A		SIH	60	60	5.0	8.000	35.000	C	150	J	5.000	G	200μA	60	21	6.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
BUY20	NS 605	3	TIL	200	120	8.0	10.000	85.000	C			15.000	G			95	3.000
BUY21	NS 605	3	TIL	300	180	8.0	10.000	85.000	C			15.000	G			95	3.000
BUY22	NS 605	3	TIL	450	230	8.0	10.000	85.000	C			15.000	G			95	3.000
BUY23	NS 605	3	TIL	600	250	8.0	10.000	100.000	C			15.000	G			70	2.500
BUY23A	NS 605	3	TIL	700	300	8.0	10.000	100.000	C			15.000	G			70	2.500
BUY51	NS 651	61	TIL	60	60	8.0	30.000	150.000	C			10.000	G			58	10.000
BUY51A	NS 605	3	TIL	60	60	8.0	30.000	150.000	C			10.000	G			58	10.000
BUY52	NS 651	61	TIL	60	60	8.0	30.000	150.000	C			10.000	G			58	15.000
BUY52A	NS 605	3	TIL	60	60	8.0	30.000	150.000	C			10.000	G			58	15.000
BUY53	NS 651	61	TIL	100	100	8.0	30.000	150.000	C			10.000	G			58	10.000
BUY53A	NS 605	3	TIL	100	100	8.0	30.000	150.000	C			10.000	G			58	10.000
BUY54	NS 651	61	TIL	100	100	8.0	30.000	150.000	C			10.000	G			58	15.000
BUY54A	NS 605	3	TIL	100	100	8.0	30.000	150.000	C			10.000	G			58	15.000
BUY80	NS 211	39	FER	150	60	7.0	5.000	20.000	A	175	S	60.000	G	100NA	100	45	.100
BUY81	NS 211	39	FER	150	60	7.0	7.500	24.000	A	175	S	60.000	G	100NA	100	40	.100
BUY82	NS 211	39	FER	150	60	7.0	10.000	30.000	A	175	S	60.000	G	100NA	100	40	.100
C106	PS 210	5	CRY	30	10	30.0	.050	.250	A	160	J	1.200	B	100NA	30	50	.001
C9080	PS 210	5	CRY	30	30	5.0	.100	.400	A	200	J	.005	E	10NA	25	60	.001
C9081	PS 210	5	CRY	30	30	5.0	.100	.400	A	200	J	.008	E	10NA	25	120	.001
C9082	PS 210	18	CRY	30	30	5.0	.100	.400	A	200	J	.005	E	10NA	25	60	.001
C9083	PS 210	18	CRY	30	30	5.0	.100	.400	A	200	J	.008	E	10NA	25	120	.001
C9084	PS 210	46	CRY	30	30	5.0	.100	.400	A	200	J	.005	E	10NA	25	60	.001
C9085	PS 210	46	CRY	30	30	5.0	.100	.400	A	200	J	.008	E	10NA	25	120	.001
CA2D2	PG 427 A		MHR,GPD	20	20	12.0	3.500	32.000	A	95	A	.005	E	4MA	20	40	
CDT1309	PG 605	3	KSC	40	35S	10.0	3.000	45.000	C	100	J						
CDT1310	PG 605	3	KSC	40	35S	35.0	5.000	45.000	C	100	J	.008	E			70	2.000
CDT1311	PG 605	3	KSC	60	50S	35.0	5.000	45.000	C	100	J	.008	E			70	2.000
CDT1312	PG 605	3	KSC	80	60S	35.0	5.000	45.000	C	100	J	.008	E			70	2.000
CDT1313	PG 605	3	KSC	100	70S	35.0	5.000	45.000	C	100	J	.008	E			70	2.000
CDT1315	PG 605	3	KSC	100	75S		8.000	45.000	C	100	J					98	2.000
CDT1319	PG 605	3	KSC	40	35S	35.0	5.000	45.000	C	100	J	.006	E			90	2.000
CDT1320	PG 605	3	KSC	60	50S	35.0	5.000	45.000	C	100	J	.006	E			35	2.000
CDT1321	PG 605	3	KSC	80	65S	35.0	5.000	45.000	C	100	J	.006	E			35	2.000
CDT1322	PG 605	3	KSC	100	75S	35.0	5.000	45.000	C	100	J	.006	E			35	2.000
CK4	PG 110 A		RAY	25	24	12.0	.100	.080	A	85	J	40.000	B	5μA	12	60	
CK4A	PG 110 B		RAY	25	24	12.0	.100	.080	A	85	J	40.000	B	5μA	12	60	
CK13	PG 110 A		RAY	18	18		.200	.150	A	85	J	3.000	B	2μA	12	25	
CK14	PG 110 A		RAY	15	15		.200	.150	A	85	J	5.000	B	2μA	12	60	
CK16	PG 110 A		RAY	12	12		.200	.150	A	85	J	10.000	B	2μA	12	80	
CK17	PG 110 A		RAY	10	10		.200	.150	A	85	J	20.000	B	2μA	12	140	
CK22	PG 110 A		RAY	35	20	12.0	.100	.080	A	85	J	1.200	B	6μA	20	90	
CK22A	PG 110 B		RAY	35	20	12.0	.100	.080	A	85	J	1.200	B	6μA	20	90	
CK22B	PG 295 A		RAY	35	20	12.0	.100	.080	A	85	J	1.200	B	6μA	20	90	
CK22C	PG 315 A		RAY	35	20	12.0	.100	.080	A	85	J	1.200	B	6μA	20	90	
CK25	PG 110 A		RAY	20	20		.400	.150	A	85	J	4.000	B	4μA	2	30	
CK26	PG 110 A		RAY	18	18		.400	.150	A	85	J	6.000	B	4μA	2	40	
CK27	PG 110 A		RAY	15	15		.400	.150	A	85	J	11.000	B	4μA	2	55	
CK28	PG 110 A		RAY	30	12	20.0	.400	.080	A	85	J	10.000	B	4IA	2	80	
CK28A	PG 110 B		RAY	30	12	20.0	.400	.080	A	85	J	10.000	B	4μA	2	80	
CK64	PG 110 A		RAY	45	29	12.0	.400	.080	A	85	J	.800	B	5μA	20	24	
CK65	PG 110 A		RAY	45	30	12.0	.400	.080	A	85	J	1.000	B	5μA	20	44	
CK65A	PG 110 B		RAY	45	30	12.0	.400	.080	A	85	J	1.000	B	5μA	20	44	
CK66	PG 110 A		RAY	35	20	12.0	.400	.080	A	85	J	1.000	B	5μA	20	90	
CK66A	PG 110 B		RAY	35	20	12.0	.400	.080	A	85	J	1.200	B	5μA	20	90	
CK67	PG 110 A		RAY	35	15	12.0	.400	.080	A	85	J	1.500	B	5μA	20	180	
CK256	PG 100 B		RAY	30	15	30.0	3.000	20.000	C	85	J	.004	E	1MA	30	50	
CK258	PG 100 B		RAY	60	30	60.0	3.000	20.000	C	85	J	.004	E	1MA	60	42	
CK311	PG 426	13	RAY	80	80R	60.0	3.000	20.000	C	85	J	.004	E	5MA	80	42	
CK312	PG 426	13	RAY	100	100R	60.0	3.000	20.000	C	85	J	.004	E	5MA	100	42	
CK313	PG 426	13	RAY	120	120R	60.0	3.000	20.000	C	85	J	.004	E	5MA	120	42	
CK314	PG 426	13	RAY	150	150R	60.0	3.000	20.000	C	85	J	.004	E	5MA	150	42	
CK315	PG 426	13	RAY	200		60.0	3.000	20.000	C	85	J	.004	E	5MA	200	42	
CK398	NS 210	5	RAY	120	120S	6.0	.050	.250	A	175	J			500NA	30	40	
CK419	NS 210	5	RAY	50	40	5.0	.050	.250	A	160	J	10.000	B	100NA	30	18	
CK420	NS 210	5	RAY	50	50	50.0	.050	.250	A	160	J	10.000	B	100NA	30	300	
CK421	NS 210	5	RAY	50	50	50.0	.050	.250	A	160	J	10.000	B	100NA	30	360	
CK422	NS 210	5	RAY	50	55	5.0	.050	.250	A	160	J	10.000	B	100NA	30	25	
CK474	NS 210	5	RAY	50	40	5.0	.050	.250	A	160	J	10.000	B	1μA	30	15	
CK475	NS 210	5	RAY	50	35	5.0	.050	.250	A	160	J	10.000	B	1μA	30	28	
CK476	NS 210	5	RAY	50	30	5.0	.050	.250	A	160	J	10.000	B	1μA	30	60	
CK477	NS 210	5	RAY	50	30	5.0	.050	.250	A	160	J	10.000	B	1μA	30	25	
CK721	PG 5 C		RAY	15	15		.010	.180	A	85	J	.800	B	6μA	20	22	
CK722	PG 5 C		RAY	22	22		.010	.180	A	85	J	.600	B	6μA	20	45	
CK725	PG 5 C		RAY	24	12		.010	.200	A	75	A	1.200	B	6μA	6	90	
CK727	PG 5 C		RAY	6			.010	.080	A	70	A	.800	B	12μA	2	50	
CK751	PG 5 X		RAY	20	9		.100	.240	A	85	J	1.200	B	6μA	20	40	
CK754	PG 5 D		RAY	10	10		.100	.100	A	85	J	1.200	B	5μA	20	300	
CK759			SEE 2N111														
CK760			SEE 2N112														
CK761			SEE 2N113														
CK762			SEE 2N114														
CK766			SEE 2N211														
CK768	PG 10 A		RAY	15	15		.100	.150	A	85	J	2.500	B	1μA	12	20	
CK790	PS 10 A		RAY	45		22.0	.050	.200	A	135	A	.200	B	200NA	20	15	
CK791	PS 10 A		RAY	30		22.0	.050	.200	A	135	A	.200	B	200NA	20	24	
CK793	PS 10 A		RAY	30		22.0	.050	.200	A	135	A	.200	B	200NA	20	20	
CK870	PG 5 A		RAY	20	20		.150	.130	A	85	J	.500	B	6μA	20	12	
CK871	PG 5 A		RAY	15	15		.150	.130	A	85	J	.600	B	6μA	20	20	
CK882	PG 10 A		RAY	24	24		.100	.150	A	85	J	1.000	B	6μA	20	90	
CK888	PG 10 A		RAY	12	12		.100	.150	A	85	J	1.400	B	6μA	20	140	
CK942			SEE 2N1623														
CQT940A	PG 605	3	KSC	100	85S	20.0	15.000	90.000	C	100	J					30	
CQT940B	PG 605	3	KSC	80	60S	60.0	15.000	90.000	C	100	J					45	
CQT940BA	PG 605	3	KSC	80	60S	60.0	15.000	90.000	C	100	J					45	
CQT1075	PG 605	3	KSC	140	70S	140.0	25.000	90.000	C	100	J	.200	G			15	
CQT1076	PG 605	3	KSC	115	60S	115.0	25.000	90.000	C	100	J	.200	G			22	
CQT1077	PG 605	3	KSC	100	45S	100.0	15.000	90.000	C	100	J	.200	G			15	
CQT1110	PG 605	3	KSC	40	30	10.0	5.000	90.000	C	100	J	.250	G			110	1.000
CQT1110A	PG 605	3	KSC	40	30	10.0	5.000	90.000	C	100	J	.250	G			110	1.000
CQT1111	PG 605	3	KSC	40	30	10.0	5.000	90.000	C	100	J	.250	G			110	1.000
CQT1111A	PG 605	3	KSC	40	30	10.0	5.000	90.000	C	100	J	.250	G			110	1.000
CQT1112	PG 605	3	KSC	30	30	20.0	10.000	90.000	C	100	J	.250	G			150	1.000
CRT1544	PG 607	41	KSC	60	40S	30.0	25.000	90.000	C	100	J	.005	E			56	25.000
CRT1545	PG 607	41	KSC	80	60S	30.0	25.000	90.000	C	100	J	.005	E			56	25.000
CRT1552	PG 607	41	KSC	40	30S	30.0	25.000	90.000	C	100	J	.005	E			43	25.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Temp. (°C)	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
CRT1553	PG 607	41	KSC	100	75S	30.0	25.000	90.000 C	100 J	.005 E				43	25.000
CS9010	NS 170	105	NSC		20	3.0						50NA	18	108	.001
CS9011	NS 170	106	NSC		18	3.0						50NA	18	255	.001
CS9012	PS 170	105	NSC	40	25	7.0	.500	.300		400.000 G		100NA	20	138	.050
CS9013	NS 170	105	NSC		25	3.0	1.000	.300 A		400.000 G		50NA	40	133	.050
CS9016	NS 170	106	NSC		20	3.0						50NA	18	88	.001
CS9017	NS 170	106	NSC		18	3.0						50NA	18	119	.001
CS9018	NS 170	106	NSC		12	2.0						50NA	15	114	.001
CS9019	NS 217	72	NSC		20	3.0						50NA	18	148	.001
CTP1111	PG 605	3	CLE	80	60S	45.0		45.000 C	95 J	.004 E		5MA	80	45	
CTP1117	PG 605	3	CLE	40		10.0		40.000 C	90 J	.300 B		2MA	40	100	
CTP1133	PG 605	3	CLE	40	40S	6.0		40.000 C	90 J	.015 E		4MA	40	60	
CTP1135	PG 605	3	CLE	40	40S	20.0		40.000 C	90 J	1.000 G		4MA	40	80	
CTP1136	PG 605	3	CLE	60	60S	20.0		40.000 C	90 J	1.000 G		4MA	60	80	
CTP1500	PG 605	3	KSC	100	80S	30.0	15.000	90.000 C	100 J					48	5.000
CTP1503	PG 605	3	KSC	80	70S	30.0	15.000	90.000 C	100 J					48	5.000
CTP1504	PG 605	3	KSC	60	50S	30.0	15.000	90.000 C	100 J					48	5.000
CTP1508	PG 605	3	KSC	40	40S	30.0	15.000	90.000 C	100 J					48	5.000
CTP1544	PG 605	3	KSC	60	30	30.0	25.000	75.000 C	100 J	.004 E				56	25.000
CTP1545	PG 605	3	KSC	80	40	30.0	25.000	75.000 C	100 J	.004 E				56	25.000
CTP1552	PG 605	3	KSC	40	20	30.0	25.000	75.000 C	100 J	.004 E				56	25.000
CTP1553	PG 605	3	KSC	100	50	30.0	25.000	75.000 C	100 J	.004 E				56	25.000
CTP3500	PG 607	41	KSC	100	80S	30.0	15.000	90.000 C	100 J					48	5.000
CTP3503	PG 607	41	KSC	80	70S	30.0	15.000	90.000 C	100 J					48	5.000
CTP3504	NG 607	41	KSC	60	50S	30.0	15.000	90.000 C	100 J					48	5.000
CTP3508	NG 607	41	KSC	40	40S	30.0	15.000	90.000 C	100 J					48	5.000
CTP3544	NG 607	41	KSC	60	40S	30.0	25.000	90.000 C	100 J	.005 E				56	25.000
CTP3545	NG 607	41	KSC	80	60S	30.0	25.000	90.000 C	100 J	.005 E				56	25.000
CTP3552	NG 607	41	KSC	40	30S	30.0	25.000	90.000 C	100 J	.005 E				48	5.000
CTP3553	NG 607	41	KSC	100	75S	30.0	25.000	90.000 C	100 J	.005 E				48	5.000
D6C	NS 561	63	GEC	150	80	15.0	30.000	150.000 H	175 J	LSSW		10MA	150	40	30.000
D16G6	NS 45	98	GEC	30	12	3.0	.025	.200 A	100 J	500.000 G		500NA	30	30	.005
D16K4	NS 45	98	GEC	30	30	4.0	.025	.200 A	100 J	580.000 G		500NA	20	110	.005
D24A3391	NS 927 A		GEC	25	25	5.0	.100	.200 A	100 J	120.000 G		100NA	25	376	.002
D24A3391A	NS 927 A		GEC	25	25	5.0	.100	.200 A	100 J	120.000 G		100NA	25	376	.002
D24A3392	NS 927 A		GEC	25	25	5.0	.100	.200 A	100 J	140.000 G		100NA	25	226	.002
D24A3393	NS 927 A		GEC	25	25	5.0	.100	.200 A	100 J	140.000 G		100NA	25	136	.002
D24A3394	NS 927 A		GEC	25	25	5.0	.100	.200 A	100 J	140.000 G		100NA	25	82	.002
D24A3900	NS 927 A		GEC	18	18	5.0	.100	.200 A	100 J	160.000 G		100NA	18	376	.002
D24A3900A	NS 927 A		GEC	18	18	5.0	.100	.200 A	100 J	160.000 G		100NA	18	376	.002
D26B1	NS 132 A		GEC	40	15	4.5		.090 A	100 J	400.000 G		400NA	20	36	.010
D26B2	NS 132 A		GEC	40	15	4.5		.090 A	100 J	500.000 G		400NA	20	70	.010
D26C1	NS 132 A		GEC	25	25	5.0		.090 A	100 J	MSSW		25NA	18	52	.010
D26C2	NS 132 A		GEC	25	25	5.0		.090 A	100 J	MSSW		25NA	18	104	.010
D26C3	NS 132 A		GEC	25	25	5.0		.090 A	100 J	MSSW		25NA	18	200	.010
D26C4	NS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	375	.010
D26C5	NS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	600	.010
D26E-1	NS 132 A		GEC	45	45	5.0		.090 A	100 J	80.000 G		10NA	45	300	.010
D26E-2	NS 132 A		GEC	18	18	5.0		.090 A	100 J	80.000 G		25NA	18	58	
D26E-3	NS 132 A		GEC	18	18	5.0		.090 A	100 J	80.000 G		25NA	18	110	
D26E-4	NS 132 A		GEC	18	18	5.0		.090 A	100 J	80.000 G		25NA	18	170	
D26E-5	NS 132 A		GEC	18	18	5.0		.090 A	100 J	80.000 G		25NA	18	226	
D26E-6	NS 132 A		GEC	18	18	5.0		.090 A	100 J	80.000 G		25NA	18	120	
D26G-1	NS 132 A		GEC	30	15	3.0		.090 A	100 J	600.000 G		10NA	15	40	.003
D27C1			SEE D42C5												
D27C2			SEE D42C4												
D27C3			SEE D42C2												
D27C4			SEE D42C1												
D27D1			SEE D43C5												
D27D2			SEE D43C4												
D27D3			SEE D43C2												
D27D4			SEE D43C1												
D28A05	NS 52 A		GEC	35	25	5.0	.500	1.000 A	150 J	10.000 G		100NA	35	130	.002
D28A06	NS 52 A		GEC	35	25	5.0	.500	1.000 A	150 J	10.000 G		100NA	35	314	.002
D28A12	NS 52 A		GEC	50	50	5.0	.500	1.000 A	150 J	10.000 G		100NA	50	130	.002
D28A13	NS 52 A		GEC	50	50	5.0	.500	1.000 A	150 J	10.000 G		100NA	50	314	.002
D28D			SEE D40D												
D28E			SEE D40N												
D29A04	NS 45	98	GEC,SPR	35	25	4.0	.500	.330 A	125 J	140.000 G		100NA	35	70	.050
D29A05	NS 45	98	GEC,SPR	35	25	4.0	.500	.330 A	125 J	140.000 G		100NA	35	176	.050
D29A06	NS 45	98	GEC	35	25	4.0	.500	.330 A	125 J	140.000 G		100NA	35	376	.050
D29A07	NS 45	98	GEC	50	40	4.0	.500	.330 A	125 J	140.000 G		100NA	50	70	.050
D29A08	NS 45	98	GEC	50	40	4.0	.500	.330 A	125 J	140.000 G		100NA	50	176	.050
D29A09	NS 45	98	GEC	50	40	4.0	.500	.330 A	125 J	140.000 G		100NA	50	376	.050
D29A10	NS 45	98	GEC	60	60	5.0	.500	.330 A	125 J	140.000 G		50NA	60	70	.050
D29A11	NS 45	98	GEC	60	60	5.0	.500	.330 A	125 J	140.000 G		50NA	60	176	.050
D29A12	NS 45	98	GEC	35	25	4.0	.500	.330 A	125 J	140.000 G		100NA	35	376	.050
D29E01	PS 45	98	GEC	35		5.0	.750	.500 A	135 J	100.000 G		100NA	25	105	.002
D29E01J1	PS 45 B		GEC	35	25	5.0	.750	.700 A	135 J	100.000 G		100NA	25	105	.002
D29E02	PS 45	98	GEC	35	25	5.0	.750	.500 A	135 J	135.000 G		100NA	25	262	.002
D29E02J1	PS 45 B		GEC	35	25	5.0	.750	.700 A	135 J	135.000 G		100NA	25	262	.002
D29E04	PS 45	98	GEC	50	40	5.0	.750	.500 A	135 J	100.000 G		100NA	25	90	.002
D29E04J1	PS 45 B		GEC	50	40	5.0	.750	.700 A	135 J	100.000 G		100NA	25	90	.002
D29E05	PS 45	98	GEC	50	40	5.0	.750	.500 A	135 J	125.000 G		100NA	25	150	.002
D29E05J1	PS 45 B		GEC	50	40	5.0	.750	.700 A	135 J	120.000 G		100NA	25	150	.002
D29E06	PS 45	98	GEC	50	40	5.0	.750	.500 A	135 J	135.000 G		100NA	25	225	.002
D29E06J1	PS 45 B		GEC	50	40	5.0	.750	.700 A	135 J	135.000 G		100NA	25	225	.002
D29E07	PS 45	98	GEC	50	40	5.0	.750	.500 A	135 J	150.000 G		100NA	25	375	.002
D29E07J1	PS 45 B		GEC	50	40	5.0	.750	.700 A	135 J	150.000 G		100NA	25	375	.002
D29E08	PS 45	98	GEC	70	60	5.0	.750	.500 A	135 J	80.000 G		100NA	25	60	.002
D29E08J1	PS 45 B		GEC	70	60	5.0	.750	.700 A	135 J	80.000 G		100NA	25	60	.002
D29E09	PS 45	98	GEC	70	60	5.0	.750	.500 A	135 J	100.000 G		100NA	25	90	.002
D29E09J1	PS 45 B		GEC	70	60	5.0	.750	.700 A	135 J	100.000 G		100NA	25	90	.002
D29E10	PS 45	98	GEC	70	60	5.0	.750	.500 A	135 J	120.000 G		100NA	25	150	.002
D29E10J1	PS 45 B		GEC	70	60	5.0	.750	.700 A	135 J	120.000 G		100NA	25	150	.002
D30A1	PS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	52	.010
D30A2	PS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	104	.010
D30A3	PS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	200	.010
D30A4	PS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	375	.010
D30A5	PS 132 A		GEC	25	25	4.0		.090 A	100 J			25NA	18	600	.010
D31B			SEE D41D												
D33D21	NS 45	98	GEC	35	25	5.0	.750	.500 A	135 J	100.000 G		100NA	25	105	.002
D33D21J1	NS 45 B		GEC	35	25	5.0	.750	.700 A	135 J	100.000 G		100NA	25	105	.002
D33D22	NS 45	98	GEC	35	25	5.0	.750	.500 A	135 J	135.000 G		100NA	25	262	.002
D33D22J1	NS 45 B		GEC	35	25	5.0	.750	.700 A	135 J	135.000 G		100NA	25	262	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
D33D24	NS 45	98	GEC	50	40K		.750	.500	A	135	J	100.000	G	100NA	25	90	.002
D33D24J1	NS 45 B		GEC	50	40	5.0	.750	.700	A	135	J	100.000	G	100NA	25	90	.002
D33D25	NS 45	98	GEC	50	40K		.750	.500	A	135	J	120.000	G	100NA	25	150	.002
D33D25J1	NS 45 B		GEC	50	40	5.0	.750	.700	A	135	J	120.000	G	100NA	25	150	.002
D33D26	NS 45	98	GEC	50	40K		.750	.500	A	135	J	135.000	G	100NA	25	225	.002
D33D26J1	NS 45 B		GEC	50	40	5.0	.750	.700	A	135	J	135.000	G	100NA	25	225	.002
D33D27	NS 45	98	GEC	50	40K		.750	.500	A	135	J	150.000	G	100NA	25	375	.002
D33D27J1	NS 45 B		GEC	50	40	5.0	.750	.700	A	135	J	150.000	G	100NA	25	375	.002
D33D28	NS 45	98	GEC	70	60	5.0	.750	.500	A	135	J	80.000	G	100NA	25	60	.002
D33D28J1	NS 45 B		GEC	70	60	5.0	.750	.700	A	135	J	80.000	G	100NA	25	60	.002
D33D29	NS 45	98	GEC	70	60	5.0	.750	.500	A	135	J	100.000	G	100NA	25	90	.002
D33D29J1	NS 45 B		GEC	70	60	5.0	.750	.700	A	135	J	100.000	G	100NA	25	90	.002
D33D30	NS 45	98	GEC	70	70	5.0	.750	.500	A	135	J	120.000	G	100NA	25	150	.002
D33D30J1	NS 45 B		GEC	70	60	5.0	.750	.700	A	135	J	120.000	G	100NA	25	150	.002
D40D1	NS 52 A		GEC		45S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	45	88	.100
D40D2	NS 52 A		GEC		45S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	45	210	.100
D40D3	NS 52 A		GEC		45S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	45	440	.100
D40D4	NS 52 A		GEC		60S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	60	88	.100
D40D5	NS 52 A		GEC		60S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	60	210	.100
D40D7	NS 52 A		GEC		75S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	75	88	.100
D40D8	NS 52 A		GEC		75S	5.0	1.000	6.000	C	150	C	200.000	G	100NA	75	210	.100
D40N1	NS 52 A		GEC		250R	5.0	.100	6.250	C	150	C	50.000	G	10µA	250	60	.020
D40N3	NS 52 A		GEC		300R	5.0	.100	6.250	C	150	C	50.000	G	10µA	300	60	.020
D41D1	PS 52 A		GEC		45S	5.0	1.000	6.000	C	150	J	150.000	G	100NA	45	88	.100
D41D2	PS 52 A		GEC		45S	5.0	1.000	6.000	C	150	J	150.000	G	100NA	45	195	.100
D41D4	PS 52 A		GEC		60S	5.0	1.000	6.000	C	150	J	150.000	G	100NA	60	88	.100
D41D5	PS 52 A		GEC		60S	5.0	1.000	6.000	C	150	J	150.000	G	100NA	60	210	.100
D41D7	PS 52 A		GEC		75S	5.0	1.000	6.000	C	150	J	150.000	G	100NA	75	88	.100
D41D8	PS 52 A		GEC		75S	5.0	1.000	6.000	C	150	J	150.000	G	100NA	75	210	.100
D42C1	NS 52 A		GEC		45S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	45	38	.200
D42C2	NS 52 A		GEC		45S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	45	70	.200
D42C3	NS 52 A		GEC		45S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	45	70	.200
D42C4	NS 52 A		GEC		60S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	60	38	.200
D42C5	NS 52 A		GEC		60S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	60	70	.200
D42C7	NS 52 A		GEC		75S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	75	38	.200
D42C8	NS 52 A		GEC		75S	5.0	3.000	12.500	C	150	J	50.000	G	10µA	75	70	.200
D43C1	PS 52 A		GEC		45S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	45	38	.200
D43C2	PS 52 A		GEC		45S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	45	70	.200
D43C3	PS 52 A		GEC		45S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	45	70	.200
D43C4	PS 52 A		GEC		60S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	60	38	.200
D43C5	PS 52 A		GEC		60S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	60	70	.200
D43C7	PS 52 A		GEC		75S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	75	38	.200
D43C8	PS 52 A		GEC		75S	5.0	3.000	12.500	C	150	J	40.000	G	10µA	75	70	.200
D44C1	NS 54 D		GEC		40S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	40	37	.200
D44C2	NS 54 D		GEC		40S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	40	70	.200
D44C3	NS 54 D		GEC		40S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	40	70	.200
D44C4	NS 54 D		GEC		55S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	55	37	.200
D44C5	NS 54 D		GEC		55S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	55	70	.200
D44C6	NS 54 D		GEC		55S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	55	70	.200
D44C7	NS 54 D		GEC		70S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	70	37	.200
D44C8	NS 54 D		GEC		70S	5.0	4.000	30.000	C	150	J	50.000	G	10µA	70	70	.200
D45C1	PS 54 D		GEC		40S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	40	37	.200
D45C2	PS 54 D		GEC		40S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	40	70	.200
D45C3	PS 54 D		GEC		40S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	40	70	.200
D45C4	PS 54 D		GEC		55S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	55	37	.200
D45C5	PS 54 D		GEC		55S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	55	70	.200
D45C6	PS 54 D		GEC		55S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	55	70	.200
D45C7	PS 54 D		GEC		70S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	70	37	.200
D45C8	PS 54 D		GEC		70S	5.0	4.000	27.000	C	150	J	40.000	G	10µA	70	70	.200
DA3F3	PG 480 A		GPD	60	35		10.000	187.000	C	100	J	.100	G	20MA	60	50	10.000
DPT657			SEE 2N2887														
DS25	PG 120	1	DEL	32			.005	.080	A			AUD					
DS26	PG 120	1	DEL	60			.020	.250	A			AUD					
DS41	PG 75		DEL	20			.010	.080	A			FM AMP					
DS56	PG		DEL	30		1.5	.010	.080	A			FM AMP					
DS66	NS 210		DEL	16		1.0	.100	.500	A			AUD					
DS71	NS 45		DEL	30		4.0	.010	.200	A			RF AMP					
DS72	NS 45		DEL	30		4.0	.010	.200	A			RF AMP					
DS74	NS 45		DEL	20		4.0	.050	.200	A			FM AMP					
DS76	NS 45		DEL	16		1.0	.100	.420	A			AUD					
DS81	NS 45		DEL	12		3.0	.050	.180	A			FM AMP					
DS83	PS 43		DEL	40		4.0	.200	.300	A			AUD					
DS501	PG 405	36	DEL	50		30.0	15.000	60.000	C			AUD					
DS503	PG 605	3	DEL	60		20.0	5.000	60.000	C			AUD					
DS509	NS 605	3	DEL	200		5.0	3.500	80.000	C								
DS520	PG 605	3	DEL	40		20.0	5.000	60.000	C			AUD					
DS525	PG 405	36	DEL	40		20.0	15.000	60.000	C			AUD					
DTG-110	PG 605	204 MA	DEL	40	40R	20.0	7.000					.320	G	2MA	40	162	1.000
DTG-110A	PG 605	204 MA	DEL	110	70	2.8	15.000					.850	G	20MA	110	175	1.000
DTG-110B	PG 605	204 MA	DEL,GPD	90	40	2.0	15.000					.850	G	20MA	90	183	1.000
DTG-600	PG 605	204 MA	DEL,GPD	75	50	1.0	15.000					.850	G	20MA	75	75	5.000
DTG-601	PG 605	204 MA	DEL,GPD	75	60	1.0	15.000					.850	G	20MA	75	75	5.000
DTG-602	PG 605	204 MA	DEL,GPD	90	70	1.0	15.000					.850	G	20MA	90	75	5.000
DTG-603	PG 605	204 MA	DEL,GPD	90	80	1.0	15.000					.850	G	20MA	90	75	5.000
DTG-603M	PG 605	204 MA	DEL	90	90X	1.4	15.000					.850	G	20MA	90	150	5.000
DTG-1010	PG 605	204 MA	DEL,GPD	325	110	1.0	15.000					.250	G	10MA	325		
DTG-1110	PG 605	204 MA	DEL,GPD	200	80	1.0	15.000					.450	G	15MA	200		
DTG-1200	PG 605	204 MA	DEL,GPD	120	120	1.0	15.000					.350	G	10MA	120	34	8.000
DTG-2000	PG 605	204 MA	DEL,GPD	60	30	1.0	15.000					.350	G	10MA	60	37	8.000
DTG-2100	PG 605	204 MA	DEL,GPD	80	60	1.0	15.000					.350	G	10MA	80	37	8.000
DTG-2200	PG 605	204 MA	DEL,GPD	100	80	1.0	15.000					.350	G	10MA	100	37	8.000
DTG-2300	PG 605	204 MA	DEL,GPD	120	100	1.0	15.000					.350	G	10MA	120	37	8.000
DTG-2400	PG 605	204 MA	DEL,GPD	140	120	1.0	15.000					.350	G	10MA	140	37	8.000
DTG-2400M	PG 605	204 MA	DEL,GPD	140	120	1.5	15.000					.350	G	10MA	140	75	10.000
DTS-103	NS 605	3	DEL		80X	5.0	15.000	125.000	C			4.000	G	500µA	80	38	5.000
DTS-104	NS 605	3	DEL		80X	5.0	15.000	125.000	C			4.000	G	500µA	80	80	5.000
DTS-105	NS 605	3	DEL		100X	5.0	15.000	125.000	C			4.000	G	500µA	100	38	5.000
DTS-106	NS 605	3	DEL		110X	5.0	15.000	125.000	C			4.000	G	500µA	110	38	5.000
DTS-107	NS 605	3	DEL		120X	5.0	15.000	125.000	C			4.000	G	500µA	120	38	5.000
DTS-401	NS 605	204 MA	DEL		400	5.0	2.000							500µA	400	60	.500
DTS-402	NS 605	204 MA	DEL		400	5.0	3.500					1.200	G	500µA	400		
DTS-403	NS 605	204 MA	DEL	400	400	5.0	3.500	100.000	A	150	J	.700	G	500µA	400		
DTS-409	NS 605	204 MA	DEL	400	400	5.0	3.500	100.000	A	150	J	2.500	G	500µA	400	15	1.000
DTS-410	NS 605	204 MA	DEL	200	200	5.0	3.500	100.000	A	150	J	4.000	G	500µA	300	60	1.000
DTS-411	NS 605	204 MA	DEL	300	300	5.0	3.500	100.000	A	150	J	4.000	G	500µA	300	60	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
DTS-413	NS 605	204 MA	DEL	400	400	5.0	2.000	75.000	H	150	J	4.000	G	500µA	400	50	.500
DTS-423	NS 605	204 MA	DEL	400	400	5.0	3.500	100.000	A	150	J	4.000	G	500µA	400	60	1.000
DTS-423M	NS 605	204 MA	DEL	400	400	5.0	3.500	100.000	A	150	J	3.000	G	250µA	400	50	1.000
DTS-424	NS 605	204 MA	DEL		500	6.0	3.500					2.500	G	250µA	500	60	1.000
DTS-425	NS 605	204 MA	DEL		500	6.0	3.500					2.500	G	250µA	500	60	1.000
DTS-430	NS 605	204 MA	DEL	400	400	5.0	5.000	125.000	A	150	J	4.000	G	5MA	400	30	2.500
DTS-431	NS 605	204 MA	DEL	400	400	5.0	5.000			150	J	4.000	G	3MA	400	25	2.500
DTS-431M	NS 605	204 MA	DEL		400	5.0	5.000					2.500	G	3MA	400	25	2.500
DTS-660	NS 605	213 MA	DEL	200	200	5.0	3.500	60.000	A	150	J	2.500	G	500µA	200	60	1.000
DTS-663	NS 605	213 MA	DEL	200	200	5.0	3.500	60.000	A	150	J	2.500	G	500µA	400	60	1.000
DTS-665	NS 605	213 MA	DEL	700	500	5.0	3.500	60.000	A	150	J	2.500	G	500µA	700	60	1.000
DTS-702	NS 605	204 MA	DEL		999	5.0	3.000	50.000	A	150	J	1.500	G	500µA	999	3	2.000
DTS-704	NS 605	204 MA	DEL		999	5.0	3.000	50.000	A	150	J	1.500	G	500µA	999	3	2.000
DTS-708	NS 605	204 MA	DEL		900	5.0	3.000	50.000	C	150	J	1.500	G	250µA	900		
DTS-709	NS 605	204 MA	DEL		900	5.0	3.000	50.000	C	150	J	1.500	G	250µA	900		
DTS-710	NS 605	204 MA	DEL		900	5.0	3.000	50.000	C	150	J	1.500	G	250µA	900	30	.150
DTS-712	NS 605	204 MA	DEL		900	5.0	3.000	50.000	A	150	J	1.500	G	500µA	999	3	2.000
DTS-714	NS 605	204 MA	DEL		900	5.0	3.000	50.000	A	150	J	1.500	G	500µA	999	3	2.000
DTS-721	NS 605	204 MA	DEL		999	5.0	3.000	50.000	A	150	J	1.500	G	250µA	999	40	.150
DTS-723	NS 605	204 MA	DEL		999	5.0	3.000	50.000	A	150	J	1.500	G	500µA	999	10	.500
DTS-801	NS 605	204 MA	DEL		800	5.0	2.000	100.000	A	150	J	1.500	G	500µA	999	20	.200
DTS-802	NS 605	204 MA	DEL		999	5.0	5.000	100.000	A	150	J	1.500	G	500µA	999	3	2.500
DTS-804	NS 605	204 MA	DEL		999	5.0	5.000	100.000	A	150	J	1.500	G	500µA	999	3	2.500
DTS-812	NS 605	204 MA	DEL		900	5.0	5.000	100.000	A	150	J	1.500	G	500µA	999	3	3.500
DTS-814	NS 605	204 MA	DEL		900	5.0	5.000	100.000	A	150	J	1.500	G	500µA	999	3	3.500
DTS-1010	NS 605	204 MA	DEL		120	7.0	10.000	100.000	A	150	J	MLT	G	100µA	120	500	3.000
DTS-1020	NS 605	204 MA	DEL		120	7.0	10.000	100.000	A	150	J	MLT	G	100µA	120		3.000
DTS-4040	NS 605	204 MA	DEL		400	20.0	15.000	100.000	A	150	J	MLT	G	250µA	400	250	3.000
DTS-4045	NS 605	204 MA	DEL		400	20.0	15.000	100.000	A	150	J	MLT	G	250µA	400	500	3.000
DTS-4060	NS 605	204 MA	DEL		600	20.0	15.000	100.000	A	150	J	MLT	G	250µA	600	8	15.000
DTS-4065	NS 605	204 MA	DEL		600	20.0	15.000	100.000	A	150	J	MLT	G	250µA	600	15	15.000
ECG100	PG 210	5	SYL	25	20R	20.0	.300	.150	A			5.000	B			40	
ECG101	NG 210	5	SYL	25	20R	20.0	.300	.150	A			5.000	B			40	
ECG102	PG 210	5	SYL	30	16R	20.0	.250	.150	A			2.000	B			90	
ECG102A	PG 120	1	SYL	32	32S	12.0	.500	.900	A			2.300	G			120	
ECG103	NG 210	5	SYL	30	16R	20.0	.250	.150	A			2.000	B			90	
ECG103A	NG 120	1	SYL	32	32S	10.0	.500	.340	A			2.500	G			105	
ECG104	PG 605	3	SYL	50	35R	20.0	7.000	90.000	C			.010	B			90	
ECG104MP			M.P.ECG104														
ECG105	PG 405	36	SYL	50	35R	20.0	15.000	100.000	C			.010	B			90	
ECG106	PS 210	18	SYL	35	15	1.0	.075	.250	A			500.000	G			20	
ECG107	NS 45	98	SYL	35	15	1.0	.025	.250	A			700.000	G			20	
ECG108	NS 170 F		SYL	35	15	.5	.075	.250	A			800.000	G			10	
ECG121	PG 605	3	SYL	65	45R	15.0	7.000	90.000	C			.022	B			80	
ECG121MP			M.P.ECG121														
ECG123	NS 211	5	SYL	30	20	5.0	.500	.500	A			50.000	G			180	
ECG123A	NS 211	18	SYL	55	40	6.0	.600	.500	A			200.000	G			200	
ECG124	NS 605	66	SYL	300	300	5.0	.400	10.000	C			30.000	G			140	
ECG126	PG 105	24	SYL	25	25	2.0	.200	.200	A			250.000	G			60	
ECG127	PG 605	3	SYL	350	350S	2.0	10.000	56.000	C			1.000	G			15	
ECG128	NS 210	5	SYL	100	80R	7.0	1.000	1.000	A			120.000	G			90	
ECG129	PS 210	5	SYL	100	80R	7.0	1.000	1.000	A			120.000	G			90	
ECG130	NS 605	3	SYL	80	60R	5.0	15.000	115.000	C			.800	B			40	
ECG130MP			M.P.ECG130														
ECG131	PG 605	66	SYL	32	20	10.0	3.000	6.000	H			1.000	G			110	
ECG131MP			M.P.ECG131														
ECG152	NS 53 A		SYL	60	60	5.0	4.000	40.000	C			3.000	G			60	
ECG153	PS 53 A		SYL	60	60	5.0	4.000	40.000	C			3.000	G			60	
ECG154	NS 211	39	SYL	300	300	7.0	.050	7.000	C			40.000	G			100	
ECG155	NG 605	66	SYL	32	20	10.0	3.000	7.500	C			1.000	G			110	
ECG157	NS 48 A		SYL	300	300	3.0	.500	20.800	C			10.000	G			30	
ECG158	PG 120	1	SYL	32	32	10.0	1.000	1.600	A			1.500	G			90	
ECG159	PS 170 F		SYL	80	80	5.0	.500	.500	A			200.000	G			180	
ECG160	PG 217	72	SYL	30	20S	.5	.200	.200	A			400.000	G			60	
ECG161	NS 217	104	SYL	45	45	4.5	.050	.180	A			800.000	G			100	
ECG162	NS 605	3	SYL	400	400	5.0	10.000	100.000	C			VER AMP				20	
ECG163	NS 605	3	SYL	700	700	5.0	10.000	100.000	C			HOR AMP					
ECG164	NS 605	3	SYL	500	700R	5.0	1.000	50.000	C			VER AMP	B			30	
ECG165	NS 605	3	SYL	400		5.0	5.000	50.000	C			HOR AMP				5	
ECG171	NS 52 B		SYL	300	300	5.0	.100	6.250	A			75.000	G			20	
ECG172	NS 45 D		SYL	40	40	12.0	.200	.400	A			60.000	G				
ECG175	NS 605	66	SYL	200	110R	7.0	4.000	40.000	C			15.000	G			80	
ECG176	PG 211	39	SYL	25	25	6.0	2.000	6.000	C			.700	G			110	
ECG179	PG 605	3	SYL	90	90X	3.0	25.000	106.000	C			.350	G			55	
ECG180	PS 605	3	SYL	100	100R	4.0	30.000	200.000	C			2.000	G			25	
ECG181	NS 605	3	SYL	100	100R	4.0	30.000	200.000	C			2.000	G			25	
ECG182	NS 48 B		SYL	80	80	4.0	10.000	90.000	C			2.000	G			30	
ECG183	PS 48 B		SYL	80	80	4.0	10.000	90.000	C			2.000	G			30	
ECG184	NS 48 A		SYL	60	60	5.0	4.000	40.000	C			2.000	G			30	
ECG185	PS 48 A		SYL	60	60	5.0	4.000	40.000	C			2.000	G			45	
ECG186	NS 59 A		SYL	60	60	5.0	3.000	12.500	C			50.000	G			80	
ECG187	PS 59 A		SYL	60	60	5.0	3.000	12.500	C			50.000	G			80	
ECG188	NS 49 A		SYL	80	80	4.0	1.000	5.000	C			50.000	G			50	
ECG189	PS 49 A		SYL	80	80	4.0	1.000	5.000	C			50.000	G			50	
ECG190	NS 49 A		SYL	180	180	5.0	1.000	8.000	C			100.000	G			40	
ECG191	NS 49 A		SYL	300	300	8.0	1.000	1.000	C			60.000	G			40	
ECG192	NS 168 C		SYL	70	70S	5.0	1.000	.700	A			120.000	G			150	
ECG193	PS 168 C		SYL	70	70S	5.0	1.000	.700	A			120.000	G			150	
ECG194	NS 41	92	SYL	140	120	5.0	.600	.625	A			30.000	G			200	
ECG195	NS 210	39	SYL	60	30	3.0	1.000	5.000	C			27.000	G			10	
ECG196	NS 56 A		SYL	90	80R	5.0	7.000	1.800	A			.800	G			20	
ECG197	PS 56 A		SYL	90	80R	5.0	7.000	1.800	A			.800	G			20	
ECG198	NS 56 B		SYL	500	500S	5.0	1.000	1.600	A			20.000	G			125	
ECG199	NS 45	98	SYL	70	50	5.0	.100	.360	A			90.000	G			400	
ECG210	NS 52 B		SYL	75	75	5.0	1.000	1.330	A			200.000	G			120	
ECG211	PS 52 B		SYL	75	75	5.0	1.000	1.330	A			200.000	G			120	
ECG213	PG 405	36	SYL	75	65	40.0	30.000	170.000	C			.270	G			80	
ECG218	PS 605	66	SYL	90	80	7.0	3.000	25.000	C			3.000	G			20	
ECG219	PS 605	3	SYL	100	70R	7.0	15.000	150.000	C			4.000	G			20	
ECG223	NS 980 A		SYL	70	50	5.0	8.000	83.000	C			3.000	G			20	
ECG224	NS 630 B		SYL	60	60	2.5	1.500	10.000	C			200.000	G			60	
ECG225	NS 630 B		SYL	450	350	7.0	1.000	10.000	C			15.000	G			40	
ECG226	PG 605 D		SYL	35	35R	6.0	2.000	12.000	C			.450	G			125	
ECG226MP			M.P.ECG226														
EN10	NS 210	18	SEM	25	15	4.0	.100	.100	A			1100.000	G			350	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond					
EN30	NS 210	18	SEM	30	20	4.0	.300	.300	A			1100.000	G		350	
EN40	NS 41	92	SEM	30	20	4.0	.300	.300	A			1100.000	G		350	
EN697	NS 173	105	FSC,NSC	60	30	5.0		.300	A	125	J	50.000	G	1PA 30	80	.150
EN706	NS 173	106	FSC,NSC	25	15	3.0		.200	A	125	J	300.000	G	500NA 15	60	.010
EN708	NS 173	106	FSC,NSC	40	15	5.0		.200	A	125	J	300.000	G	50NA 20	75	.010
EN718A	NS 173	106	FSC	75	40	7.0		.220	A	125	J	60.000	G	50NA 60	70	.150
EN722	PS 173	106	FSC,NSC	50	35	5.0		.200	A	125	J	60.000	G	1PA 30	60	.150
EN744	NS 173	106	FSC,NSC	20	12	5.0	.200	.200	A	125	J	900.000	G	1μA 20	70	.010
EN870	NS 173	106	FSC	100	60	7.0		.200	A	125	J	50.000	G	100NA 75	70	.150
EN871	NS 173	106	FSC	100	60	7.0		.200	A	125	J	60.000	G	100NA 75	175	.150
EN914	NS 173	106	FSC	40	15	5.0		.200	A	125	J	300.000	G	100NA 20	60	.010
EN915	NS 173	106	FSC	70	50	5.0		.200	A	125	J	250.000	G	50NA 60	100	.010
EN916	NS 173	106	FSC,NSC	45	25	5.0		.200	A	125	J	300.000	G	50NA 30	125	.010
EN918	NS 173	106	FSC,NSC	30	15	3.0	.050	.200	A	125	J	600.000	G	50NA 15	40	.003
EN930	NS 173	106	FSC,NSC	45	45	5.0	.030	.200	A	125	J	30.000	G	50NA 45	175	.001
EN956	NS 173	106	FSC,NSC	75	40	7.0		.220	A	125	J	70.000	G	50NA 60	200	.150
EN1132	PS 173	105	FSC,NSC	50	35	5.0		.300	A	125	J	60.000	G	1PA 30	60	.150
EN1613	NS 173	105	FSC	75	40	7.0		.300	A	125	J	60.000	G	50NA 60	100	.150
EN1711	NS 173	106	FSC,NSC	75	40	7.0		.300	A	125	J	70.000	G	50NA 60	200	.150
EN2219	NS 173	105	FSC,NSC	60	30	5.0	.800	.350	A	125	J	250.000	G	50NA 50	200	.150
EN2222	NS 173	106	FSC,NSC	60	30	5.0	.800	.200	A	125	J	250.000	G	50NA 50	200	.150
EN2369A	NS 173	106	FSC,NSC	40	15	4.5	.200	.200	A	125	J	500.000	G	400NA 20	60	.010
EN2484	NS 173	106	FSC,NSC	60	60	6.0	.050	.200	A	125	J	60.000	G	50NA 45	225	.001
EN2894A	PS 173	106	FSC	12	12	4.5		.200	A	125	J	800.000	G	50NA 10	55	.100
EN2905	PS 173	105	FSC,NSC	60	40	5.0	.600	.300	A	125	J	150.000	G	50NA 50	200	.150
EN2907	PS 173	106	FSC,NSC	60	40	5.0	.600	.200	A	125	J	150.000	G	50NA 50	200	.150
EN3009	NS 173	106	FSC	40	15	4.0		.200	A	125	J	350.000	G	500NA 20	60	.030
EN3011	NS 173	106	FSC	30	12	5.0		.200	A	125	J	400.000	G	400NA 20	60	.010
EN3013	NS 173	106	FSC	40	15	5.0		.200	A	125	J	350.000	G	300NA 20	60	.030
EN3014	NS 173	106	FSC	40	20	5.0		.200	A	125	J	350.000	G	300NA 20	60	.030
EN3250	PS 173	106	FSC,NSC	50	40	5.0	.100	.200	A	125	J	250.000	G	50NA 40	100	.010
EN3502	PS 173	105	FSC,NSC	45	45	5.0	.600	.300	A	125	J	150.000	G	10NA 30	200	.150
EN3504	PS 173	106	FSC,NSC	45	45	5.0	.600	.200	A	125	J	150.000	G	10NA 30	200	.150
EN3962	PS 173	106	FSC	60	60	6.0	.060	.200	A	125	J	40.000	G	50NA 50	260	.050
EP20	PS 210	18	SEM	25	15	4.0	.100	.100	A			1100.000	G		350	
EP25	PS 210	18	SEM	30	20	4.0	.300	.300	A			1100.000	G		350	
EP35	PS 41	92	SEM	30	20	4.0	.300	.300	A			1100.000	G		350	
ES3110	PG 105 A		EBA	30	15		.010	.054	C	65	J	.300	B	6μA 10	12	
ES3111	PG 105 A		EBA	30	15		.010	.054	C	65	J	.400	B	6μA 10	18	
ES3112	PG 105 A		EBA	30	15		.010	.054	C	65	J	.600	B	6μA 10	28	
ES3113	PG 105 A		EBA	30	15		.010	.054	C	65	J	.800	B	6μA 10	40	
ES3114	PG 105 A		EBA	30	15		.010	.054	C	65	J	1.000	B	6μA 10	58	
ES3115	PG 105 A		EBA	30	15		.010	.054	C	65	J	1.500	B	6μA 10	84	
ES3116	PG 105 A		EBA	30	15		.010	.054	C	65	J	2.000	B	6μA 10	124	
ES3120	PG 210	5	EBA	30	15		.010	.069	C	65	J	.300	B	6μA 10	12	
ES3121	PG 210	5	EBA	30	15		.010	.069	C	65	J	.400	B	6μA 10	18	
ES3122	PG 210	5	EBA	30	15		.010	.069	C	65	J	.600	B	6μA 10	28	
ES3123	PG 210	5	EBA	30	15		.010	.069	C	65	J	.800	B	6μA 10	40	
ES3124	PG 210	5	EBA	30	15		.010	.069	C	65	J	1.000	B	6μA 10	56	
ES3125	PG 210	5	EBA	30	15		.010	.069	C	65	J	1.500	B	6μA 10	80	
ES3126	PG 210	5	EBA	30	15		.010	.069	C	65	J	2.000	B	6μA 10	120	
ET110	PG 210	5	ETC	50	18	50.0	.100	.200	A	85	J	5.000	B	8μA 30		
ET670	PG 210	5	ETC	40	40	5.0	1.500	.250	A	85	J	.500	B	50μA 12	100	1.000
FK914	NS 925 A		FSC	40	15	5.0		.175	A	200	J	300.000	G	25NA 20	55	.010
FK918	NS 925 A		FSC	30	15	3.0	.050	.175	A	200	J	600.000	G	10NA 15	50	.003
FK2369A	NS 925 A		FSC	40	15	4.5	.100	.175	A	200	J	500.000	G	30μA 20	66	.010
FK2484	NS 925 A		FSC	60	60	6.0	.050	.175	A	200	J	60.000	G	10NA 45	290	
FK2894	PS 925 A		FSC	12	12	4.0		.175	A	200	J	350.000	G	10μA 6	76	.030
FK3014	NS 925 A		FSC	40	20	5.0		.175	A	200	J	300.000	G	300NA 20	60	.030
FK3299	NS 925 A		FSC	60	30	5.0		.175	A	200	J	200.000	G	10NA 50	75	.150
FK3300	NS 925 A		FSC	60	30	5.0		.175	A	200	J	200.000	G	10NA 50	220	.150
FK3502	PS 925 A		FSC	45	45	5.0	.500	.175	A	200	J	150.000	G	10NA 30	150	.150
FK3503	PS 925 A		FSC	60	60	5.0	.500	.175	A	200	J	150.000	G	10NA 50	150	.150
FM870	NS 211	46	FSC	100	60	7.0		.375	A	200	A	50.000	G	10NA 75	80	
FM871	NS 211	46	FSC	100	60	7.0		.375	A	200	A	60.000	G	10NA 75	160	
FT19H			SEE 2N3963													
FT19M			SEE 2N3963													
FT34A	NS 561	59	FSC	150	80	6.0		15.000	C	200	J	800.000	G	10μA 75	85	2.000
FT34B	NS 561	59	FSC	120	60	6.0		15.000	C	200	J	800.000	G	10μA 60	210	2.000
FT34C	NS 211	5	FSC	150	80	6.0		.800	A	200	J	800.000	G	10μA 75	85	2.000
FT34D	NS 211	5	FSC	120	60	6.0		.800	A	200	J	800.000	G	10μA 60	210	2.000
FT40			SEE 2N4251													
FT45			SEE 2N4134													
FT107A	NS 211	18	FSC	30	30	8.0	.050	.260	A	150	J	200.000	G	2NA 20	540	.010
FT107B	NS 211	18	FSC	45	45	8.0	.050	.260	A	150	J	150.000	G	2NA 30	950	.010
FT107C	NS 211	18	FSC	60	60	8.0	.050	.260	A	150	J	100.000	G	2NA 45	310	.010
FT207A			SEE 2N4115													
FT207B			SEE 2N4116													
FT400A	PS 560	59	FSC	80	80	5.0		30.000	C	200	J	120.000	G	50μA 40	180	2.000
FT400B	PS 560	59	FSC	80	80	5.0		30.000	C	200	J	80.000	G	50μA 40	70	2.000
FT709	NS 211	18	FSC	15	6	4.0		.300	A	200	A	600.000	G	50NA 5	70	
FT1341	NS 211	18	FSC	25	10	5.0		.360	A	200	J	300.000	G	100NA 30	60	
FT1702			SEE 2N4208													
FT1746	PS 211	18	FSC	35	30	4.0		.360	A	200	J	100.000	G	5NA 15	40	
FT3567	NS 173	105	FSC	80	40	5.0		.500	A	125	J	60.000	G	50NA 40	80	.150
FT3568	NS 173	105	FSC	80	60	5.0		.500	A	125	J	60.000	G	50NA 40	80	.150
FT3569	NS 173	105	FSC	80	40	5.0		.500	A	125	J	60.000	G	50NA 40	150	.150
FT3641	NS 173	105	FSC	60	30	5.0		.450	A	125	J	250.000	G	50NA 50	75	.150
FT3642	NS 173	105	FSC	60	45	5.0		.450	A	125	J	250.000	G	50NA 50	75	.150
FT3643	NS 173	105	FSC	60	30	5.0		.450	A	125	J	250.000	G	50NA 50	220	.150
FT3644	PS 173	105	FSC	60	60	5.0		.450	A	125	J	200.000	G	35NA 30	150	.150
FT3645	PS 173	105	FSC	45	45	5.0		.450	A	125	J	200.000	G	35NA 50	150	.150
FT3722	NS 173	105	FSC	80	60	6.0		.500	A	125	J	300.000	G	500NA 40	70	.100
FT5040	PS 173	105	FSC	25	25	4.0		.500	A	125	J	80.000	G	50NA 15	75	.500
FT5041	PS 173	105	FSC	40	40	5.0	.050	.500	A	125	J	100.000	G	50NA 30	65	.500
FT7202A	NS 560	59	FSC	120	80	8.0		30.000	C	200	J	70.000	G	50μA 40	70	2.000
FT7202B	NS 560	59	FSC	100	60	8.0		30.000	C	200	J	70.000	G	50μA 30	70	2.000
FV914	NS 911	51	FSC	40		5.0	.050	.175	A	200	J	300.000	G	25NA 20	55	.010
FV918	NS 911	51	FSC	30		3.0	.100	.175	A	200	J	600.000	G	10NA 15	50	.003
FV2369A	NS 911	51	FSC	40		4.5	.050	.175	A	200	J	500.000	G	30μA 20	66	.010
FV2484	NS 911	51	FSC	60		6.0		.175	A	200	J	60.000	G	10NA 45	290	
FV2894	PS 911	51	FSC	12		4.0		.175	A	200	J	350.000	G	10μA 6	76	.030
FV3014	NS 911	51	FSC	40		5.0		.175	A	200	J	300.000	G	300NA 20	60	.030
FV3299	NS 911	51	FSC	60		5.0		.175	A	200	J	200.000	G	10NA 50	75	.150
FV3300	NS 911	51	FSC	60		5.0		.175	A	200	J	200.000	G	10NA 50	220	.150

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
FV3502	PS 911	51	FSC	45		5.0	.500	.175	A	200	J	150.000	G	10NA	30	150	.150
FV3503	PS 911	51	FSC	60		5.0	.500	.175	A	200	J	150.000	G	10NA	50	150	.150
FX709	NS 926	120	FSC	15	6	4.0		.210	A	175	J	600.000	G	50NA	5	70	.010
FX914	NS 926	120	FSC	40	15	5.0		.270	A	175	J	300.000	G	25NA	20	55	.010
FX918	NS 926	120	FSC	30	15	3.0	.050	.240	A	175	J	600.000	G	10NA	15	50	.003
FX2368	NS 926	120	FSC	40	15	4.5	.100	.240	A	175	J	400.000	G	400NA	20	50	.010
FX2369A	NS 926	120	FSC	40	15	4.5	.100	.240	A	175	J	500.000	G	400NA	20	66	.010
FX2483	NS 926	120	FSC	60	60	6.0	.050	.270	A	175	J	60.000	G	10NA	45	230	.001
FX2484	NS 926	120	FSC	60	60	6.0	.050	.270	A	175	J	60.000	G	10NA	45	450	.001
FX2894	PS 926	120	FSC	12	12	4.0		.240	A	175	J	350.000	G	80NA	6	75	.030
FX2894A	PS 926	120	FSC	12	12	4.5		.240	A	175	J	500.000	G	50NA	10	55	.100
FX3013	NS 926	120	FSC	40	15	5.0		.260	A	175	J	300.000	G	300NA	20	60	.030
FX3014	NS 926	120	FSC	40	20	5.0		.260	A	175	J	350.000	G	300NA	20	60	.030
FX3299	NS 926	120	FSC	60	30	5.0		.270	A	175	J	200.000	G	10NA	50	75	.150
FX3300	NS 926	120	FSC	60	30	5.0		.270	A	175	J	250.000	G	10NA	50	220	.150
FX3502	PS 926	120	FSC	45	45	5.0	.500	.270	A	175	J	150.000	G	10NA	30	150	.150
FX3503	PS 926	120	FSC	60	60	5.0	.500	.270	A	175	J	250.000	G	10NA	50	150	.150
FX3724	NS 926	120	FSC	50	30	6.0	1.000	.306	A	175	J	240.000	G	2μA	40	90	.100
FX3725	NS 926	120	FSC	80	50	6.0	1.000	.306	A	175	J	240.000	G	2μA	60	90	.100
FX3962	PS 926	120	FSC	60	60	6.0		.270	A	175	J	40.000	G	10NA	50	260	.001
FX3963	PS 926	120	FSC	80	80	6.0		.270	A	175	J	40.000	G	10NA	70	330	.001
FX3964	PS 926	120	FSC	45	45	6.0		.270	A	175	J	40.000	G	10NA	40	260	.001
FX3965	PS 926	120	FSC	60	60	6.0		.270	A	175	J	40.000	G	10NA	50	330	.001
FX4034	PS 926	120	FSC	40	40	5.0	.100	.240	A	175	J	400.000	G	15NA	30	150	.010
FX4046	NS 926	120	FSC	50	30	6.0	.500	.306	A	175	J	240.000	G	2μA	40	90	.100
FX4047	NS 926	120	FSC	80	50	6.0	.500	.306	A	175	J	240.000	G	2μA	60	90	.100
FX4207	PS 926	120	FSC	6	6	4.5	.050	.240	A	175	J	650.000	G	10NA	30	100	.010
FX4960	NS 926	120	FSC	60	60	6.5		.306	A	175	J	200.000	G	10NA	50	180	.150
GE-1	PG 212	5	GEC	30	12R	20.0	.100	.150	A			RF AMP	G			70	
GE-2	PG 212	5	GEC	20	20	5.0	.200	.200	A			AUD	G			60	
GE-3	PG 605	3	GEC	50	40	15.0	3.000	25.000	C			AUD	G			60	
GE-4	PG 405	36	GEC	50	30	30.0	12.000	50.000	C			AUD	G			55	
GE-5	NG 210	5	GEC	25	12	25.0	.100	.150	A			RF AMP	G			165	
GE-6	NG 12 A		GEC	20	15R	10.0	.020	.065	A			RF AMP	G			110	
GE-7	NG 12 A		GEC	15	15R	10.0	.020	.065	A			IF AMP	G			35	
GE-8	NG 210	5	GEC	25	20R	25.0	.200	.150	A			AUD	G			130	
GE-9	PG 217	72	GEC	30	20R	2.5	.010	.070	A			FM IF	G			140	
GE-10	NS 45	98	GEC	25	25	5.0	.100	.200	A			RF AMP	G			150	
GE-11	NS 45	98	GEC	30	12	3.0	.025	.200	A			UHF AMP	G			75	
GE-12	NS 605	66	GEC	300	300	5.0	.400	10.000	C			AUD	G			140	
GE-13MP			M.P.GE-3														
GE-14	NS 605	3	GEC	100	60	7.0	15.000	115.000	C			AUD	G			45	
GE-15MP			M.P.GE-14														
GE-16	PG 605	3	GEC	60	45	30.0	10.000	90.000	C			AUD	G			60	
GE-17	NS 170 F		GEC	60	30	5.0	.100	.500	A			UHF AMP	G			80	
GE-18	NS 211	5	GEC	120	80	7.0	.500	.800	A			AUD	G			80	
GE-19	NS 605	3	GEC	50	50	5.0	4.000	90.000	C			AUD	G			40	
GE-20	NS 210	18	GEC	75	40	6.0	.500	.500	A			300.000	G			100	
GE-21	PS 210	5	GEC	60	60	5.0	.500	.500	A			200.000	G			65	
GE-22	PS 170 F		GEC	25	25	4.0	.500	.500	A			200.000	G			50	
GE-23	NS 605	66	GEC	60	40	8.0	2.000	15.000	C			AUD	G			125	
GE-24MP			M.P.GE-23														
GE-25	PG 605	3	GEC	320	320	2.0	10.000	56.000	C			HOR AMP	G			60	
GE-26	PS 605	66	GEC	60	50	7.0	2.000	20.000	C			10.000	G			100	
GE-27	NS 52 A		GEC	300	300R	5.0	.100	6.000	C			80.000	G			60	
GE-28	NS 59 A		GEC		45	5.0	3.000	12.000	C			50.000	G			80	
GE-29	PS 59 A		GEC		45	5.0	3.000	12.000	C			40.000	G			80	
GE-30	PG 605	66	GEC	60	60	12.0	3.000	6.000	A			1.000	G			110	
GE-31MP			M.P.GE-30														
GE-32	NS 54 A		GEC		300	5.0	1.000	30.000	C			40.000	G			125	
GE-35	NS 605	3	GEC	500	250R	8.0	15.000	100.000	C			2.000	G			15	
GE-36	NS 605	3	GEC	800	400R	8.0	15.000	100.000	C			2.000	G			15	
GE-37	NS 605	3	GEC	500	700R	5.0	1.000	50.000	C			.500	G			30	
GE-38	NS 605	3	GEC	400	600	5.0	5.000	50.000	C							5	
GE-39	NS 217	72	GEC	45	45	4.5	.050	.180	A			800.000	G			100	
GE-40	NS 211	39	GEC	300	300	7.0	.050	7.000	C			40.000	G			100	
GE-43	NG 605	66	GEC	32	20	10.0	3.000	6.000	C			1.500	G			110	
GE-44	PG 605	66	GEC	32	20	10.0	3.000	6.000	C			1.500	G			110	
GE-45	NS 210	39	GEC	80	40	4.0	2.000	5.000	C			200.000	G			10	
GE-50	PG 218 E		GEC	25	25R		.015	.140	A			250.000	G			75	
GE-51	PG 218	72	GEC	32	32R		.010	.060	A			75.000	G			150	
GE-52	PG 120	1	GEC	30	20R	12.0	.150	.150	A			2.000	G			125	
GE-53	PG 120	1	GEC	32	32	6.0	1.000	1.000	C			1.400	G			110	
GE-55	NS 48 B		GEC	80	80	5.0	10.000	90.000	C			2.000	G			20	
GE-56	PS 48 B		GEC	80	80	5.0	10.000	90.000	C			2.000	G			20	
GE-57	NS 48 A		GEC	60	60	4.0	4.000	40.000	C			2.000	G			35	
GE-58	PS 48 A		GEC	60	60	4.0	4.000	40.000	C			2.000	G			35	
GE-59	NG 120	1	GEC	32	32	6.0	1.000	1.000	C			1.000	G			90	
GE-60	NS 170 G		GEC	40	40	4.0	.025	.180	A			500.000	G			70	
GE-61	NS 41	92	GEC	50	40	4.0	.085	.300	A			500.000	G			90	
GE-62	NS 45	98	GEC	65	50	5.0	.100	.350	A			150.000	G			350	
GE-63	NS 45 B		GEC	65	60	5.0	1.000	1.000	C			160.000	G			150	
GE-64	NS 45	98	GEC	40	40	12.0	.275	.360	A			90.000	G				
GE-65	PS 45	98	GEC	65	50	5.0	.100	.350	A			150.000	G			350	
GE-66	NS 45 A		GEC		60	5.0	4.000	28.000	C			50.000	G			70	
GE-67	PS 45 B		GEC	65	60	5.0	1.000	1.000	C			160.000	G			150	
GE-69	PS 54 A		GEC		60	5.0	4.000	28.000	C			40.000	G			70	
GE-72	NS 605	3	GEC	200	200	5.0	3.500	80.000	C			4.000	G			30	
GE-73	NS 605	3	GEC	400	400	5.0	5.000	125.000	C			4.000	G			30	
GE-74	PS 605	3	GEC	100	100R	4.0	30.000	200.000	C			2.000	G			25	
GE-75	NS 605	3	GEC	100	100R	4.0	30.000	200.000	C			2.000	G			25	
GE-76	PG 605	3	GEC	90	90	3.0	25.000	106.000	C			.350	G			55	
GE-80	PG 210	5	GEC	40	40	20.0	3.500	20.000	C			1.000	G			60	
GEMR-6	NS 59 A		GEC		40		1.000	8.000	H							20	1.000
GET706	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	200.000	G	50NA	20	30	.010
GET708	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	300.000	G	50NA	20	60	.010
GET914	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	300.000	G	50NA	20	60	.010
GET929	NS 168 B		GEC	70	50	5.0	.100	.360	A	125	J	90.000	G	10NA	50	90	.001
GET930	NS 168 B		GEC	70	50	5.0	.100	.360	A	125	J	90.000	G	10NA	50	175	.001
GET2221	NS 168 B		GEC	60	30	5.0	.400	.360	A	125	J	250.000	G	10NA	50	70	.150
GET2221A	NS 168 B		GEC	75	40	5.0	.400	.360	A	125	J	250.000	G	10NA	60	70	.150
GET2222	NS 168 B		GEC	60	30	5.0	.400	.360	A	125	J	250.000	G	10NA	50	175	.150
GET2222A	NS 168 B		GEC	75	40	5.0	.400	.360	A	125	J	300.000	G	10NA	60	175	.150
GET2369	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	350.000	G	100NA	20	70	.010
GET2484	NS 168 B		GEC	60	60	6.0	.100	.250	A	125	J	60.000	G	50NA	45	375	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
GET2904	PS 168 B		GEC	60	40	5.0	.350	.360	A	125	J	200.000	G	20NA	50	70	.150
GET2905	PS 168 B		GEC	60	40	5.0	.350	.360	A	125	J	200.000	G	20NA	50	70	.150
GET2906	PS 168 B		GEC	60	40	5.0	.350	.360	A	125	J	200.000	G	50NA	50	175	.150
GET2907	PS 168 B		GEC	60	40	5.0	.350	.360	A	125	J	200.000	G	50NA	50	175	.150
GET3013	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	350.000	G	100NA	20	60	.030
GET3014	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	350.000	G	100NA	20	60	.030
GET3638	PS 168 B		GEC	25	25	4.0	.350	.360		125	J	100.000	G	35NA	15	40	.300
GET3638A	PS 168 B		GEC	25	25	4.0	.350	.360	A	125	J	100.000	G	35NA	15	50	.300
GET3646	NS 168 B		GEC	40	15	5.0	.200	.360	A	125	J	350.000	G	100NA	20	60	.030
GI-2711	NS 173	106	GIC	18	18	5.0	.100	.200	A	125	J	200.000	G	500µA	18	52	.002
GI-2712	NS 173	106	GIC	18	18	5.0	.100	.200	A	125	J	300.000	G	500µA	18	106	.002
GI-2713	NS 173	106	GIC	18	18	5.0	.200	.200	A	125	J	150.000	G	500µA	18	52	.002
GI-2714	NS 173	106	GIC	18	18	5.0	.200	.200	A	125	J	200.000	G	500µA	18	131	.002
GI-2715	NS 173	106	GIC	18	18	5.0	.025	.200	A	125	J	100.000	G	500µA	18	52	.002
GI-2716	NS 173	106	GIC	18	18	5.0	.025	.200	A	125	J	150.000	G	500µA	18	131	.002
GI-2921	NS 173	106	GIC	25	25	5.0		.200	A	125	J					53	.002
GI-2922	NS 173	106	GIC	25	25	5.0		.200	A	125	J					83	.002
GI-2923	NS 173	106	GIC	25	25	5.0		.200	A	125	J					135	.002
GI-2924	NS 173	106	GIC	25	25	5.0		.200	A	125	J					225	.002
GI-2925	NS 173	106	GIC	25	25	5.0		.200	A	125	J					353	.002
GI-2926	NS 173	106	GIC	18	18	5.0		.200	A	125	J					153	.002
GI-3391	NS 173	106	GIC	25	25	5.0		.200	A	125	J					375	.002
GI-3391A	NS 173	106	GIC	25	25	5.0		.200	A	125	J					375	.002
GI-3392	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	225	.002
GI-3393	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	135	.002
GI-3394	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	83	.002
GI-3395	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	275	.002
GI-3396	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	215	.002
GI-3397	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	180	.002
GI-3398	NS 173	106	GIC	25	25	5.0	.100	.200	A	125	J			100NA	25	255	.002
GI-3402	NS 173	106	GIC	25	25	5.0	.500	.200	A	125	J			100NA	25	131	.002
GI-3403	NS 173	106	GIC	25	25	5.0	.500	.200	A	125	J			100NA	25	315	.002
GI-3404	NS 173	106	GIC	50	50	5.0	.500	.200	A	125	J			100NA	50	131	.002
GI-3405	NS 173	106	GIC	50	50	5.0	.500	.200	A	125	J			100NA	50	315	.002
GI-3414	NS 173	106	GIC	25	25	5.0	.500	.300	A	125	J	AUD		100NA	25	131	.002
GI-3415	NS 173	106	GIC	25	25	5.0	.500	.300	A	125	J	AUD		100NA	25	315	.002
GI-3416	NS 173	106	GIC	50	50	5.0	.500	.360	A	125	J	AUD		100NA	25	131	.002
GI-3417	NS 173	106	GIC	50	50	5.0	.500	.360	A	125	J	AUD		100NA	25	315	.002
GI-3566	NS 173	106	GIC	50	50	5.0	.200	.300	A	125	J	40.000	G	50NA	20	300	.010
GI-3605	NS 173	106	GIC	18	14	5.0		.200	A	125	J	300.000	G	500NA	18	45	.010
GI-3606	NS 173	106	GIC	18	14	5.0		.200	A	125	J	300.000	G	500NA	18	45	.010
GI-3607	NS 173	106	GIC	18	14	5.0		.200	A	125	J	300.000	G	500NA	18	45	.010
GI-3638	PS 173	106	GIC	25	25	4.0		.300	A	125	J	100.000	G	35NA	15	45	.050
GI-3638A	PS 173	106	GIC	25	25	4.0		.300	A	125	J	150.000	G	35NA	15	150	.050
GI-3641	NS 173	106	GIC	60	30	5.0	.500	.350	A	125	J	250.000	G	50NA	50	70	.150
GI-3642	NS 173	106	GIC	60	45	5.0	.500	.300	A	125	J	250.000	G	50NA	50	70	.150
GI-3643	NS 173	106	GIC	60	30	5.0	.500	.350	A	125	J	250.000	G	50NA	50	175	.150
GI-3644	PS 173	106	GIC	45	45	5.0	.500	.300	A	125	J	200.000	G	35NA	30	175	.150
GI-3702	PS 173	106	GIC	40	25	5.0	.200	.300	A	125	J	100.000	G	100NA	20	135	.050
GI-3703	PS 173	106	GIC	50	30	5.0	.200	.300	A	125	J	100.000	G	100NA	20	68	.050
GI-3704	NS 173	106	GIC	50	30	5.0	.800	.360	A	125	J	100.000	G	100NA	20	175	.050
GI-3705	NS 173	106	GIC	50	30	5.0	.800	.360	A	125	J	100.000	G	100NA	20	88	.050
GI-3706	NS 173	106	GIC	40	20	5.0	.800	.360	A	125	J	100.000	G	100NA	20	180	.050
GI-3707	NS 173	106	GIC	30	30	6.0	.030	.250	A	125	J	AUD		100NA	20	200	.001
GI-3708	NS 173	106	GIC	30	30	6.0	.030	.250	A	125	J	AUD		100NA	20	210	.001
GI-3709	NS 173	106	GIC	30	30	6.0	.030	.250	A	125	J	AUD		100NA	20	86	.001
GI-3710	NS 173	106	GIC	30	30	6.0	.030	.250	A	125	J	AUD		100NA	20	172	.001
GI-3711	NS 173	106	GIC	30	30	6.0	.030	.250	A	125	J	AUD		100NA	20	330	.001
GI-3721	NS 173	106	GIC	18	18	5.0	.100	.200	A	125	J	AUD		500NA	18	225	.002
GI-3793	NS 173	106	GIC	40	20	5.0	.500	.250	A	125	J	100.000	G	500NA	15	50	.010
GI-3794	NS 173	106	GIC	40	20	5.0	.500	.250	A	125	J	100.000	G	500NA	15	250	.010
GI-3900	NS 173	106	GIC	18	18	5.0	.100	.200	A	125	J	AUD		100NA	18	375	.002
GI-3900A	NS 173	106	GIC	18	18	5.0	.100	.200	A	125	J	AUD		100NA	18	375	.002
GM290A	PG 250 A		TIL	20	15	.3	.050	.075	A			700.000	G			30	.003
GM378A	PG 250 A		TIL	20	15	.3	.050	.075	A			400.000	G			30	.003
GT34HV	SEE 2N1408																
GT40	PG 55 C		AEI	15	15	12.0	.250	.100	A	75	J	2.000	B	15µA	15	30	
GT41	PG 55 C		AEI	15	15R	12.0	.250	.100	A	75	J	3.000	B	15µA	15	30	
GT42	PG 55 C		AEI	15	15R	12.0	.250	.100	A	75	J	5.000	B	15µA	15	60	
GT43	PG 55 C		AEI	15	15R	12.0	.250	.100	A	75	J	7.000	B	15µA	15	100	
GT44	PG 55 C		AEI	25	25	12.0	.250	.100	A	75	J	2.000	B	15µA	25	30	
GT45	PG 55 C		AEI	25	25R	12.0	.250	.100	A	75	J	3.000	B	15µA	25	30	
GT46	PG 55 C		AEI	25	25R	12.0	.250	.100	A	75	J	5.000	B	15µA	25	60	
GT47	PG 55 C		AEI	25	25R	12.0	.250	.100	A	75	J	7.000	B	15µA	25	100	
GT81	PG 170	9	GTC	25	25R	10.0		.150	A	100	J	AUD		10µA	10	70	
GT1200	SEE 2N1310																
GT1658	SEE 2N1605																
H5	SEE 2N538A																
H6	SEE 2N539A																
H7	SEE 2N540A																
H12	SEE 2N1157																
H12A	SEE 2N1157A																
HA7520	PS 903 A		HUG	35	35	35.0		1.000	A					100NA	35	10	.001
HA7521	PS 903 A		HUG	60	60	60.0		1.000	A					100NA	60	10	.001
HA7522	PS 903 A		HUG	15	15	15.0		1.000	A					100NA	15	22	.001
HA7523	PS 903 A		HUG	35	35	35.0		1.000	A					100NA	35	22	.001
HA7524	PS 903 A		HUG	60	60	60.0		1.000	A					100NA	60	22	.001
HA7525	PS 903 A		HUG	110	110	110.0		1.000	A					100NA	110	22	.001
HA7526	PS 903 A		HUG	15	15	15.0		1.000	A					100NA	15	44	.001
HA7527	PS 903 A		HUG	35	35	35.0		1.000	A					100NA	35	44	.001
HA7528	PS 903 A		HUG	60	60	60.0		1.000	A					100NA	60	44	.001
HA7529	PS 903 A		HUG	90	90	90.0		1.000	A					100NA	90	22	.001
HA7530	PS 210	5	HUG	35	35	35.0		.400	A					100NA	35	10	.001
HA7531	PS 210	5	HUG	60	60	60.0		.400	A					100NA	60	10	.001
HA7532	PS 210	5	HUG	15	15	15.0		.400	A					100NA	15	220	.001
HA7533	PS 210	5	HUG	35	35	35.0		.400	A					100NA	35	22	.001
HA7534	PS 210	5	HUG	60	60	60.0		.400	A					100NA	60	22	.001
HA7535	PS 210	5	HUG	110	110	110.0		.400	A					100NA	110	22	.001
HA7536	PS 210	5	HUG	15	15	15.0		.400	A					100NA	15	44	.001
HA7537	PS 210	5	HUG	35	35	35.0		.400	A					100NA	35	44	.001
HA7538	PS 210	5	HUG	60	60	60.0		.400	A					100NA	60	44	.001
HA7539	PS 210	5	HUG	90	90	90.0		.400	A					100NA	90	22	.001
HA7597	PS 903 A		HUG	40	20	20.0		.400	A					100NA	50	14	.001
HA7598	PS 903 A		HUG	35	20	20.0		.400	A					100NA	50	29	.001
HA7599	PS 903 A		HUG	30	20	20.0		.400	A					100NA	50	58	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
HEP1	PG 210	18	MOT	12	12S	2.0	.100	.150	A	100	J	100.000	G			50	
HEP2	PG 210	5	MOT	22	22S	.6	.100	.300	A	100	J	1000.000	G			75	
HEP3	PG 217	72	MOT	20	20S	.5	.050	.100	A	100	J	250.000	G			85	
HEP50	NS 210	18	MOT	25	15	4.0	.300	.400	A	175	J	250.000	G			85	
HEP51	PS 210	5	MOT	30	25	4.0	.600	.600	A	175	J	150.000	G			80	
HEP52	PS 210	18	MOT	30	30	4.0	.200	.400	A	175	J	200.000	G			95	
HEP53	NS 210	5	MOT	35	30	4.0	.600	.600	A	175	J	200.000	G			85	
HEP54	NS 41	92	MOT	30	20	5.0	.200	.310	A	135	J	300.000	G			350	
HEP55	NS 41	92	MOT	30	25	5.0	.200	.310	A	135	J	200.000	G			350	
HEP56	NS 42	92	MOT	30	20	2.5	.100	.310	A	135	J	750.000	G			70	
HEP57	PS 41	92	MOT	25	25	5.0	.200	.310	A	135	J	200.000	G			350	
HEP75	NS 210	39	MOT	40	20	3.5	.400	3.000	C	175	J	250.000	G			15	
HEP76	PS 210	39	MOT	40	20	3.5	.400	3.000	C	175	J	250.000	G			15	
HEP200	PG 605	3	MOT	30	30R	10.0	3.000	90.000	C	110	J	.600	G			40	
HEP230	PG 605	3	MOT	30	30R	10.0	5.000	90.000	C	110	J	.600	G			40	
HEP231	PG 405	36	MOT	30	30R	10.0	15.000	150.000	C	110	J	.500	G			40	
HEP232	PG 605	3	MOT	70	70S	10.0	7.000	90.000	C	110	J	.600	G			60	
HEP233	PG 405	36	MOT	65	65S	60.0	15.000	170.000	C	110	J	.500	G			55	
HEP234	PG 605	3	MOT	200	200S	2.0	5.000	56.000	C	110	J	1.000	G			60	
HEP235	PG 605	3	MOT	320	320S	2.0	10.000	56.000	C	110	J	1.000	G			60	
HEP236	PG 607	41	MOT	110	80	2.0	25.000	106.000	C	110	J	.210	G			60	
HEP237	PG 405	36	MOT	75	60	40.0	30.000	170.000	C	110	J	.270	G	900μA	75	80	
HEP238	PG 210	5	MOT	60	40S	20.0	3.000	20.000	C	110	J	.200	G	125μA	30	120	
HEP239	PG 210	5	MOT	100	60S	20.0	3.000	20.000	C	110	J	.200	G	125μA	30	120	
HEP240	NS 605	66	MOT	300	300	6.0	.500	10.000	C	150	J	10.000	G			115	
HEP241	NS 605	66	MOT	160	120	6.0	5.000	40.000	C	150	J	20.000	G			60	
HEP242	PS 211	5	MOT	60	40	7.0	3.000	6.000	C	200	J	8.000	G			60	
HEP243	NS 211	5	MOT	60	40	6.0	3.000	6.000	C	200	J	8.000	G			60	
HEP244	NS 48 A		MOT	300	300	3.0	.500	25.000	C	150	J	15.000	G			80	
HEP245	NS 48 A		MOT	60	40	5.0	3.000	30.000	C	150	J	8.000	G			60	
HEP246	PS 48 A		MOT	60	40	5.0	3.000	30.000	C	150	J	8.000	G			60	
HEP247	NS 605	3	MOT	70	50	7.0	10.000	150.000	C	200	J	6.000	G			60	
HEP248	PS 605	3	MOT	70	50	7.0	10.000	150.000	C	200	J	6.000	G			60	
HEP250	PG 210	5	MOT	20	20S	2.5	.200	.200	A	85	J	1.500	G			65	
HEP251	PG 210	5	MOT	20	20S	2.0	.200	.200	A	85	J	2.500	G			150	
HEP252	PG 210	5	MOT	20	20S	2.0	.200	.200	A	85	J	1.500	G	200μA		65	
HEP253	PG 212	5	MOT	20	20S	2.5	.400	.225	A	100	J	2.000	G			40	
HEP254	PG 212	5	MOT	20	20S	2.5	.400	.225	A	100	J	2.000	G			70	
HEP623	PG 605	3	MOT	60	35S	20.0	7.000	77.000	C	110	J	.600	G			70	
HEP624	PG 605	3	MOT	60	35S	20.0	7.000	77.000	C	110	J	.600	G			120	
HEP625	PG 605	3	MOT	100	75S	50.0	10.000	90.000	C	110	J	.005	G			40	
HEP626	PG 605	3	MOT	80	50S	2.0	20.000	85.000	C	110	J	1.000	G			60	
HEP627	PG 605	3	MOT	80	80S	5.0	10.000	85.000	C	110	J	.700	G			40	
HEP628	PG 605	3	MOT	60	35S	20.0	7.000	77.000	C	110	J	.600	G			45	
HEP629	PG 210	5	MOT	50	40S	30.0	.400	.200	A	100	J	1.000	G			110	
HEP630	PG 210	5	MOT	55	40S	30.0	.400	.200	A	100	J	1.000	G			50	
HEP631	PG 210	5	MOT	40	25S	25.0	.200	.200	A	100	J	1.500	G			45	
HEP632	PG 210	5	MOT	40	25S	25.0	.200	.200	A	100	J	2.000	G			80	
HEP633	PG 210	5	MOT	40	25S	25.0	.200	.200	A	100	J	2.500	G			160	
HEP634	PG 210	5	MOT	40	25S	25.0	.200	.200	A	100	J	3.000	G			350	
HEP635	PG 210	5	MOT	30	25S	2.5	.100	.150	A	100	J	100.000	G			85	
HEP636	PG 210	18	MOT	35	35S	3.0	.100	.150	A	100	J	600.000	G			120	
HEP637	PG 217	72	MOT	20	15S	.3	.010	.150	A	100	J	800.000	G			120	
HEP638	PG 210	5	MOT	30	20S	.5	.050	.060	A	100	J	100.000	G			60	
HEP639	PG 120	1	MOT	18	18S	.5	.005	.055	A	100	J					70	
HEP640	PG 120	1	MOT	18	18S	.5	.005	.055	A	100	J					130	
HEP641	NG 210	5	MOT	25	15S	10.0	.300	.150	A	85	J	150.000	G			70	
HEP642	PG 605	66	MOT	30	25S	20.0	3.000	57.000	C	110	J	.350	G	1MA	30	95	
HEP643	PG 605	66	MOT	30	25S	20.0	3.000	57.000	C	110	J	.350	G	1MA	30	160	
HEP644	PG 605	3	MOT	160	160S	5.0	10.000	85.000	C	110	J	.050	G	3MA	160	40	
HEP700	PS 48 A		MOT	40	40	5.0	5.000	40.000	C	150	J	8.000	G			70	
HEP701	NS 48 A		MOT	40	40	5.0	3.000	40.000	C	150	J	8.000	G			100	
HEP702	PS 605	66	MOT	80	80	5.0	3.000	25.000	C	150	J	8.000	G			80	
HEP703	NS 605	66	MOT	70	60	5.0	5.000	25.000	C	150	J	6.000	G			85	
HEP704	NS 605	3	MOT	100	60	7.0	15.000	115.000	C	200	J	1.000	G			90	
HEP705	PS 605	3	MOT	40	40	5.0	5.000	87.500	C	200	J	4.000	G			250	
HEP706	NS 211	5	MOT	350	325	6.0	.100	4.000	C	175	J	10.000	G			25	
HEP707	NS 605	3	MOT	400	325	5.0	10.000	115.000	C	300	J	2.500	G			65	
HEP708	PS 210	18	MOT	60	60	5.0	.600	1.800	C	175	J	275.000	G			85	
HEP709	NS 217	72	MOT	30	15	3.0	.050	.300	A	175	J	600.000	G			120	
HEP710	PS 211	5	MOT	95	80	4.5	.100	3.000	C	200	J	200.000	G			25	
HEP712	NS 211	5	MOT	180	200	5.0	.050	1.000	C	175	J	150.000	G			35	
HEP713	NS 211	5	MOT	100	100	5.0	.200	1.000	C	175	J	150.000	G			35	
HEP714	NS 49 A		MOT	150	150	5.0	1.000	1.000	C	175	J	100.000	G			120	
HEP715	PS 41	92	MOT	50	40	4.0	.200	.310	A	135	J	200.000	G			120	
HEP716	PS 41	92	MOT	40	40	5.0	.600	.310	A	135	J	300.000	G			110	
HEP717	PS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	120.000	G			350	
HEP718	NS 41	92	MOT	30	20	4.0	.100	.310	A	135	J	600.000	G			80	
HEP719	NS 41	92	MOT	30	30	4.0	.100	.310	A	135	J	700.000	G			130	
HEP720	NS 41	92	MOT	30	20	3.0	.100	.310	A	135	J	800.000	G			40	
HEP721	NS 41	92	MOT	30	30	5.0	.500	.310	A	135	J	260.000	G			350	
HEP722	NS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	200.000	G			60	
HEP723	NS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	200.000	G			90	
HEP724	NS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	200.000	G			160	
HEP725	NS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	200.000	G			250	
HEP726	NS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	200.000	G			350	
HEP727	NS 41	92	MOT	25	20	4.0	.100	.310	A	135	J	200.000	G			50	
HEP728	NS 41	92	MOT	45	40	4.0	.100	.310	A	135	J	200.000	G			180	
HEP729	NS 41	92	MOT	45	45	4.0	.100	.310	A	135	J	200.000	G			100	
HEP730	NS 41	92	MOT	30	25	4.5	.050	.310	A	135	J	175.000	G			600	
HEP731	NS 41	92	MOT	20	20	4.0	.025	.310	A	135	J	30.000	G			130	
HEP732	NS 41	92	MOT	20	20	4.0	.025	.310	A	135	J	200.000	G			45	
HEP733	NS 41	92	MOT	30	20	4.0	.100	.310	A	135	J	100.000	G			95	
HEP734	NS 41	92	MOT	40	20	4.0	.025	.310	A	135	J	200.000	G			75	
HEP735	NS 41	92	MOT	45	40	6.0	.600	.310	A	135	J	150.000	G			300	
HEP736	NS 41	92	MOT	55	50	6.0	.600	.310	A	135	J	150.000	G			140	
HEP737	NS 41	92	MOT	30	25	6.0	.100	.310	A	135	J	100.000	G			600	
HEP738	NS 41	92	MOT	45	40	7.0	.100	.310	A	135	J	100.000	G			250	
HEP739	PS 41	92	MOT	40	35	25.0	.150	.310	A	135	J	4.000	G			250	
HEP740	NS 605	3	MOT	700	700	5.0	3.500	100.000	C	300	J	2.500	G	250NA	400		.015
HEPG0001	PG 210	5	MOT	30	25S	2.0	.100	.150	A	100	J	200.000	G	5μA	5	85	.010
HEPG0002	PG 211	5	MOT	25	25S	.5	.100	.300	A	100	J	750.000	G	5μA	15	25	.010
HEPG0003	PG 217	72	MOT	20	20S	.5	.050	.100	A	100	J	400.000	G	10μA	10	30	.003
HEPG0005	PG 210	5	MOT	25	25R	25.0	.200	.200	A	100	J	2.000	G	15μA	25	60	.010
HEPG0006	PG 210	5	MOT	25	25R	25.0	.200	.200	A	100	J	2.000	G	15μA	25	100	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
HEPG0007	PG 210	5	MOT	25	25R	25.0	.200	.200	A	100	J	2.000	G	15μA	25	200	.010
HEPG0008	PG 211	18	MOT	35	35S	2.0	.100	.150	A	100	J	400.000	G	500NA	10	100	.003
HEPG0009	PG 210	18	MOT	25	24S	12.0	.350	.200	A	85	J	25.000	G	5μA	12	80	.012
HEPG0011	NG 210	18	MOT	25	15S	10.0	.300	.150	A	85	J	150.000	G	6μA	25	70	
HEPG6000	PG 605	3	MOT	30	30R	10.0	3.000	90.000	A	25	J	.600	G	6MA	30	40	1.000
HEPG6001	PG 605	3	MOT	90	80S	1.5	25.000	85.000	A	25	C	.850	G	200μA	2	70	
HEPG6002	PG 405	36	MOT	45	45S	25.0	60.000	170.000	A	25	C	.002	G	4MA	45	100	
HEPG6003	PG 605	3	MOT	30	30R	10.0	5.000	90.000	A	25	J	.600	G	3MA	30	60	1.000
HEPG6004	PG 405	36	MOT	30	30R	10.0	15.000	170.000	A	25	C	.500	G	6MA	30	40	5.000
HEPG6005	PG 605	3	MOT	70	70S	10.0	7.000	90.000	A	25	J	.600	G	80μA	2	60	3.000
HEPG6006	PG 405	36	MOT	65	65S	60.0	15.000	170.000	A	25	C	.500	G	20MA	65	55	5.000
HEPG6007	PG 605	3	MOT	200	200S	.5	5.000	56.000	A	25	C	1.000	G	400μA	10	60	2.000
HEPG6008	PG 605	3	MOT	320	320S	2.0	10.000	56.000	A	25	C	1.500	G	400μA	10	60	2.000
HEPG6009	PG 607	41	MOT	80	80	2.0	25.000	106.000	A	25	C	.430	G	200μA	2	50	3.000
HEPG6010	PG 405	36	MOT	75	75S	40.0	30.000	170.000	A	25	C	.270	G	900μA	75	50	15.000
HEPG6011	PG 211	5	MOT	60	30	20.0	3.000	20.000	A	25	J	.200	G	200μA	30	40	1.000
HEPG6012	PG 211	5	MOT	100	30	20.0	3.000	20.000	A	25	J	.200	G	200μA	50	40	1.000
HEPG6013	PG 605	3	MOT	60	35	20.0	15.000	85.000	A	110	J	.600	G	1MA	35	100	3.000
HEPG6014	PG 605	3	MOT	80	50	2.0	20.000	85.000	A	110	J	1.000	G	10MA	80	60	5.000
HEPG6015	PG 605	3	MOT	80	80	5.0	10.000	85.000	A	110	J	.700	G	20MA	80	40	3.000
HEPG6016	PG 605	66	MOT	30	25	20.0	7.000	57.000	A	110	J	.350	G	1MA	25	90	
HEPG6017	PG 605	3	MOT	160	160S	5.0	10.000	85.000	A	25	C	.050	G	3MA	160	40	
HEPG6018	PG 605	3	MOT	100	75S	50.0	10.000	90.000	A	100	J	.005	G	20MA	90	40	10.000
HEPS0001	NS 41	92	MOT	140	120	5.0	.600	.310	A	135	J	60.000	G	1μA	75	200	
HEPS0002	NS 41	92	MOT	25	25	5.0	.500	.360	A	135	J	80.000	G	100NA	25	160	
HEPS0003	NS 41	92	MOT	25	25	5.0	.500	.360	A	135	J	80.000	G	100NA	25	380	
HEPS0004	NS 41	92	MOT	50	30	5.0	.600	.310	A	135	J	400.000	G	100NA	30	75	
HEPS0005	NS 41	92	MOT	180	160	6.0	.600	.310	A	135	J	200.000	G	50NA	120	160	.010
HEPS0006	PS 41	92	MOT	30	30	3.0	.050	.310	A	135	J	100.000	G	100NA	10	450	
HEPS0007	NS 41	92	MOT	70	70	4.0	.050	.310	A	135	J	200.000	G	100NA	30	125	
HEPS0008	NS 42	92	MOT	40	30	4.0	.020	.310	A	135	J	440.000	G	50NA	10	35	.004
HEPS0009	NS 42	92	MOT	45	45	4.0	.100	.500	A	135	J	700.000	G	50NA	30	75	.007
HEPS0010	NS 42	92	MOT	30	25	3.0	.020	.350	A	150	J	800.000	G	100NA	30	75	.004
HEPS0011	NS 210	18	MOT	25	15	4.0	.300	.400	A	175	J	250.000	G	100NA	20	85	
HEPS0012	PS 210	5	MOT	30	25	4.0	.600	.600	A	175	J	150.000	G	1μA	20	80	.150
HEPS0013	PS 210	18	MOT	30	30	4.0	.200	.400	A	175	J	200.000	G	200NA	30	95	
HEPS0014	NS 210	5	MOT	35	30	4.0	.600	.600	A	175	J	200.000	G	50NA	30	85	
HEPS0015	NS 41	92	MOT	60	40	6.0	.600	.310	A	135	J	300.000	G			200	.150
HEPS0016	NS 42	92	MOT	35	25	2.0	.100	.310	A	135	J	850.000	G	100NA	25	40	.004
HEPS0017	NS 217	72	MOT	30	15	3.0	.050	.300	A	175	J	600.000	G	10NA	15	50	.003
HEPS0019	PS 41	92	MOT	40	40	5.0	.600	.310	A	135	J	300.000	G	500NA	10	200	.150
HEPS0020	NS 41	92	MOT	30	20	3.0	.100	.310	A	135	J	800.000	G	50NA	15	75	.002
HEPS0024	NS 41	92	MOT	50	50	4.5	.050	.310	A	135	J	80.000	G	50NA	35	400	
HEPS0025	NS 41	92	MOT	60	40	6.0	.600	.350	A	150	J	300.000	G			100	.150
HEPS0026	PS 41	92	MOT	80	80	4.0	.500	.500	A	135	J	175.000	G	100NA	80	125	.100
HEPS0027	NS 41	92	MOT	300	300	6.0	.500	.625	A	150	J	50.000	G	100NA	200	40	.010
HEPS0028	PS 41	92	MOT	300	300	5.0	.500	.625	A	150	J	50.000	G	250NA	200	40	.010
HEPS0029	PS 41	92	MOT	160	150	5.0	.600	.310	A	135	J	250.000	G	50NA	120	120	.010
HEPS0030	NS 41	92	MOT	45	45	4.0	.050	.310	A	135	I	250.000	G	50NA	35	250	.010
HEPS0031	PS 41	92	MOT	50	50	3.0	.050	.310	A	135	J	80.000	G	50NA	35	400	
HEPS0032	PS 41	92	MOT	40	35	25.0	.150	.310	A	135	J	4.000	G	100NA	10	100	.012
HEPS0033	NS 42	92	MOT	40	40	4.0	.025	.310	A	135	J	400.000	G	50NA	20	80	.004
HEPS3001	NS 210	39	MOT	65	40	4.0	1.000	5.000	A	175	J	150.000	G	1MA	65	10	
HEPS3002	NS 210	39	MOT	80	80	5.0	5.000	6.000	A	200	J	30.000	G	100μA	80	80	
HEPS3003	PS 210	39	MOT	80	80	5.0	5.000	6.000	A	200	J	30.000	G	100μA	80	80	
HEPS3004	NS 210	39	MOT	60	30	3.0	.500	3.500	A	175	J	27.000	G	1NA	30	10	.400
HEPS3005	NS 964 C		MOT	36	30S	4.0	1.000	2.000	A	200	J	175.000	G	1MA	15	10	
HEPS3006	NS 964 C		MOT	36	30S	4.0	3.000	10.000	A	200	J	175.000	G	1MA	15	10	
HEPS3007	NS 964 C		MOT	36	30S	4.0	5.000	25.000	A	200	J	175.000	G	1MA	15	10	
HEPS3008	NS 210	39	MOT	55	30S	4.0	.400	1.500	A	200	J	150.000	G	1μA	25	10	
HEPS3009	NS 964 C		MOT	36	36S	4.0	6.000	40.000	A	200	J	175.000	G	1MA	15	5	
HEPS3010	NS 210	39	MOT	70	60	5.0	4.000	10.000	A	175	J	30.000	G	100μA	70	70	
HEPS3011	NS 210	39	MOT	70	50	5.0	1.000	7.000	A	200	J	100.000	G	200NA	35	100	
HEPS3012	PS 210	39	MOT	70	50	5.0	1.000	7.000	A	200	J	100.000	G	200NA	35	100	
HEPS3013	NS 210	39	MOT	25	20	3.5	.400	1.000	A	175	J	400.000	G	1μA	25	15	.050
HEPS3014	PS 210	39	MOT	25	20	3.5	.400	1.000	A	175	J	400.000	G	1μA	25	15	.050
HEPS3019	NS 49 A		MOT	180	180	5.0	1.000	8.000	A	175	J	100.000	G	100NA	150	40	.010
HEPS3020	NS 49 A		MOT	60	60	4.0	2.000	10.000	A	150	J	150.000	G	100NA	40	100	.025
HEPS3021	NS 49 A		MOT	300	300	8.0	.500	10.000	A	150	J	60.000	G	200NA	200	100	.010
HEPS3023	NS 49 A		MOT	35	35	4.0	1.500	8.000	C	135	J	50.000	G	100NA	30	110	
HEPS3024	NS 49 A		MOT	50	40	5.0	2.000	8.000	A	135	J	50.000	G	100NA	40	150	.100
HEPS3025	NS 49 A		MOT	35	35	4.0	1.500	8.000	C	135	J	50.000	G	100NA	30	320	
HEPS3026	NS 49 A		MOT	35	35	4.0	1.500	8.000	C	135	J	50.000	G	100NA	30	550	
HEPS3027	PS 49 A		MOT	35	35	4.0	1.500	8.000	C	135	J	50.000	G	100NA	30	110	
HEPS3028	PS 49 A		MOT	50	40	5.0	2.000	8.000	A	135	J	50.000	G	100NA	40	150	.100
HEPS3029	PS 49 A		MOT	35	35	4.0	1.500	8.000	C	135	J	50.000	G	100NA	30	320	
HEPS3030	PS 49 A		MOT	35	35	4.0	1.500	8.000	C	135	J	50.000	G	100NA	30	550	
HEPS3031	PS 49 A		MOT	80	80	4.0	1.000	5.000	C	135	J	125.000	G	100NA	60	140	
HEPS3032	PS 49 A		MOT	100	100	4.0	2.000	10.000	A	150	J	100.000	G	100NA	40	140	.050
HEPS3033	NS 210	39	MOT	160	160	5.0	.050	1.000	A	175	J	150.000	G	50μA	160	35	
HEPS3034	NS 210	39	MOT	210	210	5.0	.050	1.000	A	175	J	150.000	G	50μA	210	35	
HEPS3035	NS 210	39	MOT	270	270	5.0	.050	1.000	A	175	J	150.000	G	50μA	270	35	
HEPS5000	NS 48 A		MOT	80	80	5.0	4.000	40.000	A	150	J	2.000	G	100μA	80	60	1.500
HEPS5001	NS 48 B		MOT	70	60	5.0	10.000	90.000	C	150	J	2.000	G	1MA	70	50	
HEPS5002	PS 48 B		MOT	70	60	5.0	10.000	90.000	C	150	J	2.000	G	1MA	70	50	
HEPS5003	NS 48 A		MOT	60	60	4.0	4.000	40.000	C	150	J	2.000	G	100NA	60	60	
HEPS5004	NS 48 B		MOT	100	80	5.0	8.000	90.000	A	150	J	2.000	G	100μA	100	50	4.000
HEPS5005	PS 48 B		MOT	100	80	5.0	8.000	90.000	A	150	J	2.000	G	100μA	90	50	4.000
HEPS5006	PS 48 A		MOT	80	80	5.0	4.000	40.000	A	150	J	2.000	G	100μA	80	60	1.500
HEPS5007	PS 48 A		MOT	60	60	5.0	4.000	40.000	C	150	J	2.000	G	100μA	60	60	
HEPS5008	PS 48 B		MOT	40	40	4.0	5.000	65.000	C	150	J	2.000	G	100μA	40	70	
HEPS5009	PS 48 B		MOT	40	40	4.0	5.000	65.000	C	150	J	2.000	G	100μA	40	120	
HEPS5010	PS 48 B		MOT	40	40	4.0	5.000	65.000	C	150	J	2.000	G	100μA	40		
HEPS5011	NS 605	66	MOT	300	300	6.0	.500	10.000	A	150	J	10.000	G	100μA	300	115	.050
HEPS5012	NS 605	66	MOT		125	4.0	2.000	40.000	A	175	J	20.000	G			60	.150
HEPS5013	PS 210	5	MOT	40	40	5.0	3.000	6.000	A	200	J	4.000	G	500μA	40	85	.150
HEPS5014	NS 210	5	MOT	60	40	6.0	3.000	6.000	A	200	J	4.000	G	500μA	40	85	.150
HEPS5015	NS 48 A		MOT	300	300	3.0	.500	20.000	A	150	J	15.000	G	100μA	300	80	.050
HEPS5018	PS 605	66	MOT	80	80	5.0	4.000	25.000	A	200	J	30.000	G	100μA	80	50	.500
HEPS5019	NS 605	66	MOT	80	80	5.0	4.000	25.000	A	200	J	30.000	G	100μA	80	50	.500
HEPS5020	NS 605	3	MOT	400	325	5.0	10.000	125.000	A	150	J	2.500	G			40	.001
HEPS5021	NS 605	3	MOT		700S	5.0	5.000	125.000	A	150	J	2.500	G	250NA	400	10	2.500
HEPS5022	PS 210	18	MOT	60		5.0	.600	1.800	A	175	J	275.000	G	3NA	30	85	
HEPS5023	PS 210	5	MOT	95	80	4.5	.100	3.000	A	200	J	200.000	G	5NA	15	25	
HEPS5024	NS 210	39	MOT	350	325	6.0	.100	4.000	A	175	J	10.000	G	1μA	150	25	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
HEPS5025	NS 210	5	MOT	180	200	5.0	.050	1.000	A	175 J	150.000	G	5μA	100	35	
HEPS5026	NS 210	5	MOT	100	100	5.0	.200	1.000	A	175 J	150.000	G	1μA	50	35	
HEPS7000	NS 605	3	MOT	80	80	5.0	25.000	200.000	A	200 J	4.000	G	1MA	80	40	10.000
HEPS7001	PS 605	3	MOT	80	80	5.0	25.000	200.000	A	200 J	4.000	G	1MA	80	40	10.000
HEPS7002	NS 605	3	MOT	60	60	5.0	10.000	150.000	A	200 J	6.000	G	500μA	60	60	4.000
HEPS7003	PS 605	3	MOT	60	60	5.0	10.000	150.000	A	200 J	6.000	G	500μA	60	60	4.000
HEPS7004	NS 605	3	MOT	100	60	7.0	15.000	115.000	A	200 J	1.000	G	1MA	999	35	4.000
HEPS7005	NS 605	3	MOT	400		5.0	2.500	10.000	A	115 J	7.500	G				
HEPS9100	NS 41	92	MOT	30	30S	10.0	.300	.500	A	135 J	200.000	G	100NA	30		.100
HEPS9101	NS 48 A		MOT	60	60	5.0	4.000	40.000	A	150 J	2.000	G	200NA	60	750	1.500
HEPS9102	NS 48 B		MOT	60	60	5.0	5.000	70.000	A	150 J	2.000	G	200NA	60	750	3.000
HEPS9103	NS 49 A		MOT	50	40S	12.0	2.000	10.000	A	150 J	300.000	G	100NA	30		.500
HEPS9120	PS 41	92	MOT	30	30S	8.0	.300	.500	A	135 J	175.000	G	100NA	30		.010
HEPS9121	PS 48 A		MOT	60	60	5.0	4.000	40.000	A	150 J	2.000	G	200NA	60	750	1.500
HEPS9122	PS 48 B		MOT	60	60	5.0	5.000	70.000	A	150 J	2.000	G	200NA	60	750	3.000
HEPS9123	PS 49 A		MOT	50	40S	10.0	2.000	10.000	A	150 J	300.000	G	100NA	30		.500
HEPS9140	NS 605	3	MOT	60	60	5.0	8.000	100.000	A	200 J	4.000	G				4.000
HEPS9141	PS 605	3	MOT	60	60	5.0	8.000	100.000	A	200 J	4.000	G				4.000
HEPS9142	NS 605	3	MOT	100	100	5.0	20.000	160.000	A	200 J	4.000	G	1MA	50		10.000
HEPS9143	PS 605	3	MOT	100	100	5.0	20.000	160.000	A	200 J	4.000	G	1MA	50		10.000
HF3H	PG 210	5	SEM	15	10	5.0	.200	.100	A		3.000	G			80	
HF3M	PG 210	5	SEM	15	10	5.0	.200	.100	A		3.000	G			40	
HF6H	PG 210	5	SEM	15	15	10.0	.200	.100	A		6.000	G			100	
HF6M	PG 210	5	SEM	15	15	10.0	.200	.100	A		6.000	G			50	
HF12H	PG 210	5	SEM	18	15	10.0	.200	.100	A		12.000	G			100	
HF12M	PG 210	5	SEM	18	15	10.0	.200	.100	A		12.000	G			50	
HF20H	PG 210	5	SEM	20	20	10.0	.200	.250	A		20.000	G			150	
HF20M	PG 210	5	SEM	20	20	10.0	.200	.250	A		20.000	G			80	
HF35	PG 120	58	SEM	20	20	2.0	.100	.150	A		100.000	G			50	
HF50	PG 120	58	SEM	25	20	2.0	.100	.150	A		100.000	G			80	
HF75	PG 120	58	SEM	25	20	2.0	.100	.150	A		100.000	G			150	
HJ22D			SEE 2SA12													
HJ23D			SEE 2SA15													
HJ56			SEE 2SA13													
HJ57			SEE 2SA16													
HJ60			SEE 2SA17													
HJ70			SEE 2SA80													
HJ71			SEE 2SA81													
HJ72			SEE 2SA82													
HJ73			SEE 2SA83													
HJ74			SEE 2SA84													
HJ75			SEE 2SA85													
HN100	NS 605	3	SEM	100	50	5.0	5.000	150.000	C		1.000	G			20	
HN150	NS 605	3	SEM	150	120	7.0	15.000	150.000	C		1.000	G			20	
HO300	PG 605	3	SEM	300	250	2.0	10.000	100.000	C		5.000	G			20	
HST1050	NS 605	3	HUG	250	200	8.0		80.000	H				5μA	100	23	1.000
HST1051	NS 605	3	HUG	400	325	8.0		80.000	H				5μA	100	23	1.000
HST1052	NS 605	3	HUG	500	400	8.0		80.000	H				5μA	100	23	1.000
HST1053	NS 605	3	HUG	600	400	8.0		80.000	H				5μA	100	23	1.000
HST1054	NS 605	3	HUG	700	400	8.0		80.000	H				5μA	100	23	1.000
HST1055	NS 605	3	HUG	250	200	8.0		80.000	H				1μA	150	22	1.000
HST1056	NS 605	3	HUG	400	325	8.0		80.000	H				1μA	150	22	1.000
HST1057	NS 605	3	HUG	500	400	8.0		80.000	H				1μA	150	22	1.000
HST1058	NS 605	3	HUG	600	400	8.0		80.000	H				1μA	150	22	1.000
HST1059	NS 605	3	HUG	700	400	8.0		80.000	H				1μA	150	22	1.000
HST1060	NS 605	3	HUG	250	200	8.0		80.000	H				1μA	150	15	1.000
HST1061	NS 605	3	HUG	400	325	8.0		80.000	H				1μA	150	15	1.000
HST1062	NS 605	3	HUG	500	400	8.0		80.000	H				1μA	150	15	1.000
HST1063	NS 605	3	HUG	600	400	8.0		80.000	H				1μA	150	15	1.000
HST1064	NS 605	3	HUG	700	400	8.0		80.000	H				1μA	150	15	1.000
HST1150	NS 605	66	HUG	250	200	8.0		40.000	H				1μA	150	15	1.000
HST1151	NS 605	66	HUG	400	325	8.0		40.000	H				1μA	150	15	1.000
HST1152	NS 605	66	HUG	500	400	8.0		40.000	H				1μA	150	15	1.000
HST1153	NS 605	66	HUG	600	400	8.0		40.000	H				1μA	150	15	1.000
HST1154	NS 605	66	HUG	700	400	8.0		40.000	H				1μA	150	15	1.000
HST1155	NS 605	66	HUG	250	200	8.0		40.000	H				1μA	150	22	1.000
HST1156	NS 605	66	HUG	400	325	8.0		40.000	H				1μA	150	22	1.000
HST1157	NS 605	66	HUG	500	400	8.0		40.000	H				1μA	150	22	1.000
HST1158	NS 605	66	HUG	600	400	8.0		40.000	H				1μA	150	22	1.000
HST1159	NS 605	66	HUG	700	400	8.0		40.000	H				1μA	150	22	1.000
HST1160	NS 605	66	HUG	250	200	8.0		40.000	H				5μA	100	23	1.000
HST1161	NS 605	66	HUG	400	325	8.0		40.000	H				5μA	100	23	1.000
HST1162	NS 605	66	HUG	500	400	8.0		40.000	H				5μA	100	23	1.000
HST1163	NS 605	66	HUG	600	400	8.0		40.000	H				5μA	100	23	1.000
HST1164	NS 605	66	HUG	700	400	8.0		40.000	H				5μA	100	23	1.000
HST1250	NS 561	61	HUG	250	200	8.0		80.000	H				5μA	100	23	1.000
HST1251	NS 561	61	HUG	400	325	8.0		80.000	H				5μA	100	23	1.000
HST1252	NS 561	61	HUG	500	400	8.0		80.000	H				5μA	100	23	1.000
HST1253	NS 561	61	HUG	600	400	8.0		80.000	H				5μA	100	23	1.000
HST1254	NS 561	61	HUG	700	400	8.0		80.000	H				5μA	100	23	1.000
HST1255	NS 561	61	HUG	250	200	8.0		80.000	H				1μA	150	22	1.000
HST1256	NS 561	61	HUG	400	325	8.0		80.000	H				1μA	150	22	1.000
HST1257	NS 561	61	HUG	500	400	8.0		80.000	H				1μA	150	22	1.000
HST1258	NS 561	61	HUG	600	400	8.0		80.000	H				1μA	150	22	1.000
HST1259	NS 561	61	HUG	700	400	8.0		80.000	H				1μA	150	22	1.000
HST1260	NS 561	61	HUG	250	200	8.0		80.000	H				1μA	150	15	1.000
HST1261	NS 561	61	HUG	400	325	8.0		80.000	H				1μA	150	15	1.000
HST1262	NS 561	61	HUG	500	400	8.0		80.000	H				1μA	150	15	1.000
HST1263	NS 561	61	HUG	600	400	8.0		80.000	H				1μA	150	15	1.000
HST1264	NS 561	61	HUG	700	400	8.0		80.000	H				1μA	150	15	1.000
HST1808	PG 403	68	HUG	80	60			170.000	C						23	50.000
HST1809	PG 403	68	HUG	60	45			170.000	C						23	50.000
HST1810	PG 403	68	HUG	40	30			170.000	C						23	50.000
HST1860	PG 403	68	HUG	80	60			170.000	C						30	50.000
HST1861	PG 403	68	HUG	60	45			170.000	C						30	50.000
HST1862	PG 403	68	HUG	40	30			170.000	C						30	50.000
HST1908	PG 176 E		HUG	80	60			140.000	C						23	50.000
HST1909	PG 176 E		HUG	60	45			140.000	C						23	50.000
HST1910	PG 176 E		HUG	40	30			140.000	C						23	50.000
HST1960	PG 176 E		HUG	80	60			170.000	C						30	50.000
HST1961	PG 176 E		HUG	60	45			170.000	C						30	50.000
HST1962	PG 176 E		HUG	40	30			170.000	C						30	50.000
HST2008	PG 571 A		HUG	80	60			140.000	C						23	50.000
HST2009	PG 571 A		HUG	60	45			140.000	C						23	50.000
HST2010	PG 571 A		HUG	40	30			140.000	C						23	50.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND (MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
HST2101	PG 390 A		HUG	10	5			100.000	C						60	99.000
HST2110	PG 390 A		HUG	10	5			100.000	C						60	99.000
HST2111	PG 390 A		HUG	10	5			100.000	C						60	99.000
HST2112	PG 390 B		HUG	10	5			100.000	C						60	99.000
HST2150	PG 390 B		HUG	10	5			100.000	C						60	99.000
HST2151	PG 390 B		HUG	10	5			100.000	C						60	99.000
HST2152	PG 390 B		HUG	10	5			100.000	C						60	99.000
HST4451	NS 211	5	HUG	80	40	8.0		4.000	H		70.000	G	1μA	60	35	5.000
HST4452	NS 211	5	HUG	100	80	8.0		4.000	H		70.000	G	1μA	60	35	5.000
HST4453	NS 211	5	HUG	80	40	8.0		4.000	H		70.000	G	1μA	60	70	5.000
HST4454	NS 211	5	HUG	100	80	8.0		4.000	H		70.000	G	1μA	60	70	5.000
HST4455	NS 211	5	HUG	80	40	8.0		4.000	H		70.000	G	1μA	60	150	5.000
HST4456	NS 211	5	HUG	100	80	8.0		4.000	H		70.000	G	1μA	60	150	5.000
HST4483	NS 211	5	HUG	60	40	8.0		4.000	H		70.000	G	1μA	60	35	5.000
HST4551	NS 490 A		HUG	80	40	8.0		20.000	H		70.000	G	1μA	60	35	5.000
HST4552	NS 490 A		HUG	100	80	8.0		20.000	H		70.000	G	1μA	60	35	5.000
HST4553	NS 490 A		HUG	80	40	8.0		20.000	H		70.000	G	1μA	60	70	5.000
HST4554	NS 490 A		HUG	100	80	8.0		20.000	H		70.000	G	1μA	60	70	5.000
HST4555	NS 490 A		HUG	80	40	8.0		20.000	H		70.000	G	1μA	60	150	5.000
HST4556	NS 490 A		HUG	100	80	8.0		20.000	H		70.000	G	1μA	60	150	5.000
HST4583	NS 490 A		HUG	60	40	5.0		20.000	H		70.000	G	1μA	60	35	5.000
HST5001	NS 211	46	HUG	60	40	8.0		4.000	H		85.000	G	100NA	30	88	.500
HST5002	NS 211	46	HUG	80	60	8.0		4.000	H		85.000	G	100NA	30	88	.500
HST5003	NS 211	46	HUG	100	80	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5004	NS 211	46	HUG	140	100	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5005	NS 211	46	HUG	180	120	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5006	NS 211	46	HUG	60	40	8.0		4.000	H		85.000	G	100NA	30	45	.500
HST5007	NS 211	46	HUG	80	60	8.0		4.000	H		85.000	G	100NA	30	45	.500
HST5008	NS 211	46	HUG	100	80	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5009	NS 211	46	HUG	140	100	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5010	NS 211	46	HUG	180	120	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5011	NS 211	46	HUG	60	40	8.0		4.000	H		85.000	G	100NA	30	180	.500
HST5012	NS 211	46	HUG	80	60	8.0		4.000	H		85.000	G	100NA	30	180	.500
HST5013	NS 211	46	HUG	100	80	8.0		4.000	H		85.000	G	100NA	60	180	.500
HST5014	NS 211	46	HUG	140	100	8.0		4.000	H		85.000	G	100NA	60	180	.500
HST5015	NS 211	46	HUG	180	120	8.0		4.000	H		85.000	G	100NA	60	180	.500
HST5051	NS 211	46	HUG	175	150	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5052	NS 211	46	HUG	200	175	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5053	NS 211	46	HUG	225	200	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5054	NS 211	46	HUG	175	150	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5055	NS 211	46	HUG	200	175	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5056	NS 211	46	HUG	225	200	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5501	NS 211	5	HUG	60	40	8.0		4.000	H		85.000	G	100NA	30	88	.500
HST5502	NS 211	5	HUG	80	60	8.0		4.000	H		85.000	G	100NA	30	88	.500
HST5503	NS 211	5	HUG	100	80	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5504	NS 211	5	HUG	140	100	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5505	NS 211	5	HUG	180	120	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5506	NS 211	5	HUG	60	40	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5507	NS 211	5	HUG	80	60	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5508	NS 211	5	HUG	100	80	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5509	NS 211	5	HUG	140	100	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5510	NS 211	5	HUG	180	120	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5511	NS 211	5	HUG	60	40	8.0		4.000	H		85.000	G	100NA	30	180	.500
HST5512	NS 211	5	HUG	80	60	8.0		4.000	H		85.000	G	100NA	30	180	.500
HST5513	NS 211	5	HUG	100	80	8.0		4.000	H		85.000	G	100NA	60	180	.500
HST5514	NS 211	5	HUG	140	100	8.0		4.000	H		85.000	G	100NA	60	180	.500
HST5515	NS 211	5	HUG	180	120	8.0		4.000	H		85.000	G	100NA	60	180	.500
HST5551	NS 211	5	HUG	175	150	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5552	NS 211	5	HUG	200	175	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5553	NS 211	5	HUG	225	200	8.0		4.000	H		85.000	G	100NA	60	88	.500
HST5554	NS 211	5	HUG	175	150	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5555	NS 211	5	HUG	200	175	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5556	NS 211	5	HUG	225	200	8.0		4.000	H		85.000	G	100NA	60	45	.500
HST5901	NS 605	66	HUG	60	40	8.0		16.600	H		85.000	G			88	5.000
HST5902	NS 605	66	HUG	80	60	8.0		16.600	H		85.000	G			88	5.000
HST5903	NS 605	66	HUG	100	80	8.0		16.600	H		85.000	G			88	5.000
HST5904	NS 605	66	HUG	140	100	8.0		16.600	H		85.000	G			88	5.000
HST5905	NS 605	66	HUG	180	120	8.0		16.600	H		85.000	G			88	5.000
HST5906	NS 605	66	HUG	60	40	8.0		16.600	H		85.000	G			45	5.000
HST5907	NS 605	66	HUG	80	60	8.0		16.600	H		85.000	G			45	5.000
HST5908	NS 605	66	HUG	100	80	8.0		16.600	H		85.000	G			45	5.000
HST5909	NS 605	66	HUG	140	100	8.0		16.600	H		85.000	G			45	5.000
HST5910	NS 605	66	HUG	180	120	8.0		16.600	H		85.000	G			45	5.000
HST5911	NS 605	66	HUG	60	40	8.0		16.600	H		85.000	G			180	5.000
HST5912	NS 605	66	HUG	80	60	8.0		16.600	H		85.000	G			180	5.000
HST5913	NS 605	66	HUG	100	80	8.0		16.600	H		85.000	G			180	5.000
HST5914	NS 605	66	HUG	140	100	8.0		16.600	H		85.000	G			180	5.000
HST5915	NS 605	66	HUG	180	120	8.0		16.600	H		85.000	G			180	5.000
HST5951	NS 605	66	HUG	175	150	8.0		16.600	H		85.000	G	100NA	60	88	5.000
HST5952	NS 605	66	HUG	200	175	8.0		16.600	H		85.000	G	100NA	60	88	5.000
HST5953	NS 605	66	HUG	225	200	8.0		16.600	H		85.000	G	100NA	60	88	5.000
HST5954	NS 605	66	HUG	175	150	8.0		16.600	H		85.000	G	100NA	60	45	5.000
HST5955	NS 605	66	HUG	200	175	8.0		16.600	H		85.000	G	100NA	60	45	5.000
HST5956	NS 605	66	HUG	225	200	8.0		16.600	H		85.000	G	100NA	60	45	5.000
HST6001	NS 561	62	HUG	100	50	5.0		40.000	H		70.000	G	1μA	60	15	5.000
HST6011	NS 561	62	HUG	80	40	8.0		40.000	H		70.000	G	1μA	60	35	5.000
HST6012	NS 561	62	HUG	100	80	8.0		40.000	H		70.000	G	1μA	60	35	5.000
HST6013	NS 561	62	HUG	80	40	8.0		40.000	H		70.000	G	1μA	60	70	5.000
HST6014	NS 561	62	HUG	100	80	8.0		40.000	H		70.000	G	1μA	60	70	5.000
HST6015	NS 561	62	HUG	80	40	8.0		40.000	H		70.000	G	1μA	60	150	5.000
HST6016	NS 561	62	HUG	100	80	8.0		40.000	H		70.000	G	1μA	60	150	5.000
HST6031	NS 561	62	HUG	60	40	5.0		40.000	H		70.000	G	1μA	60	35	5.000
HST6308	NS 561	111	HUG	60	40	8.0		30.000	H		70.000	G	1μA	60	35	5.000
HST6309	NS 561	111	HUG	80	60	8.0		30.000	H		70.000	G	1μA	60	35	5.000
HST6310	NS 561	111	HUG	100	80	8.0		30.000	H		70.000	G	1μA	60	35	5.000
HST6311	NS 561	111	HUG	60	40	8.0		30.000	H		70.000	G	1μA	60	70	5.000
HST6312	NS 561	111	HUG	80	60	8.0		30.000	H		70.000	G	1μA	60	70	5.000
HST6313	NS 561	111	HUG	100	80	8.0		30.000	H		70.000	G	1μA	60	70	5.000
HST6314	NS 561	111	HUG	60	40	8.0		30.000	H		70.000	G	1μA	60	150	5.000
HST6315	NS 561	111	HUG	80	60	8.0		30.000	H		70.000	G	1μA	60	150	5.000
HST6316	NS 561	111	HUG	100	80	8.0		30.000	H		70.000	G	1μA	60	150	5.000
HST6408	NS 560	111	HUG	60	40	8.0		30.000	H		70.000	G	1μA	60	35	5.000
HST6409	NS 560	111	HUG	100	80	8.0		30.000	H		70.000	G	1μA	60	35	5.000
HST6410	NS 560	111	HUG	100	80	8.0		30.000	H		70.000	G	1μA	60	35	5.000
HST6411	NS 560	111	HUG	60	40	8.0		30.000	H		70.000	G	1μA	60	70	5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
HST6412	NS 560	111	HUG	80	60	8.0		30.000	H			70.000	G	1μA	60	70	5.000
HST6413	NS 560	111	HUG	100	80	8.0		30.000	H			70.000	G	1μA	60	70	5.000
HST6414	NS 560	111	HUG	60	40	8.0		30.000	H			70.000	G	1μA	60	150	5.000
HST6415	NS 560	111	HUG	80	60	8.0		30.000	H			70.000	G	1μA	60	150	5.000
HST6416	NS 560	111	HUG	100	80	8.0		30.000	H			70.000	G	1μA	60	150	5.000
HST6901	NS 605	66	HUG	145	125	8.0		20.000	H			70.000	G	1μA	60	35	.500
HST6902	NS 605	66	HUG	170	150	8.0		20.000	H			70.000	G	1μA	60	35	.500
HST6903	NS 605	66	HUG	195	175	8.0		20.000	H			70.000	G	1μA	60	35	.500
HST6904	NS 605	66	HUG	220	200	8.0		20.000	H			70.000	G	1μA	60	35	.500
HST6905	NS 605	66	HUG	145	125	8.0		20.000	H			70.000	G	1μA	60	70	.500
HST6906	NS 605	66	HUG	170	150	8.0		20.000	H			70.000	G	1μA	60	70	.500
HST6907	NS 605	66	HUG	195	175	8.0		20.000	H			70.000	G	1μA	60	70	.500
HST6908	NS 605	66	HUG	220	200	8.0		20.000	H			70.000	G	1μA	60	70	.500
HST7011	NS 561	61	HUG	60	40	5.0		50.000	H			60.000	G	1μA	60	35	.500
HST7012	NS 561	61	HUG	80	60	5.0		50.000	H			60.000	G	1μA	60	35	.500
HST7013	NS 561	61	HUG	100	80	5.0		50.000	H			60.000	G	1μA	60	35	.500
HST7014	NS 561	61	HUG	60	40	5.0		50.000	H			60.000	G	1μA	60	70	.500
HST7015	NS 561	61	HUG	80	60	5.0		50.000	H			60.000	G	1μA	60	70	.500
HST7016	NS 561	61	HUG	100	80	5.0		50.000	H			60.000	G	1μA	60	70	.500
HST7017	NS 561	61	HUG	60	40	5.0		50.000	H			60.000	G	1μA	60	150	.500
HST7018	NS 561	61	HUG	80	60	5.0		50.000	H			60.000	G	1μA	60	150	.500
HST7019	NS 561	61	HUG	100	80	5.0		50.000	H			60.000	G	1μA	60	150	.500
HST7140	NS 561	61	HUG	120	100	8.0		50.000	H			60.000	G	100NA	60	70	.500
HST7141	NS 561	61	HUG	200	150	8.0		50.000	H			60.000	G	100NA	100	70	.500
HST7150	NS 561	61	HUG	140	120	8.0		50.000	H			60.000	G	500NA	60	35	.500
HST7151	NS 561	61	HUG	170	150	8.0		50.000	H			60.000	G	500NA	100	35	.500
HST7152	NS 561	61	HUG	220	200	8.0		50.000	H			60.000	G	500NA	100	35	.500
HST7154	NS 561	61	HUG	140	120	8.0		50.000	H			60.000	G	500NA	60	70	.500
HST7155	NS 561	61	HUG	170	150	8.0		50.000	H			60.000	G	500NA	100	70	.500
HST7156	NS 561	61	HUG	220	200	8.0		50.000	H			60.000	G	500NA	100	70	.500
HST7201	NS 605	3	HUG	225	200	8.0		65.000	H			50.000	G	1μA	100	35	.500
HST7202	NS 605	3	HUG	250	225	8.0		65.000	H			50.000	G	1μA	100	35	.500
HST7203	NS 605	3	HUG	275	250	8.0		65.000	H			50.000	G	1μA	100	35	.500
HST7204	NS 605	3	HUG	325	300	8.0		65.000	H			50.000	G	1μA	100	35	.500
HST7205	NS 605	3	HUG	350	325	8.0		65.000	H			50.000	G	1μA	100	35	.500
HST7206	NS 605	3	HUG	150	150	8.0		65.000	H			50.000	G	10μA	100	15	.500
HST7207	NS 605	3	HUG	200	200	8.0		65.000	H			50.000	G	10μA	100	22	.500
HST7208	NS 605	3	HUG	250	250	8.0		65.000	H			50.000	G	10μA	100	22	.500
HST7209	NS 605	3	HUG	300	300	8.0		65.000	H			50.000	G	10μA	100	22	.500
HST7401	NS 211	5	HUG	60	40	5.0		5.000	H					1μA	30	70	5.000
HST7402	NS 211	5	HUG	80	60	5.0		5.000	H					1μA	60	70	5.000
HST7403	NS 211	5	HUG	100	80	5.0		5.000	H					1μA	60	70	5.000
HST7411	NS 211	5	HUG	60	40	5.0		5.000	H					1μA	30	35	5.000
HST7412	NS 211	5	HUG	80	60	5.0		5.000	H					1μA	60	35	5.000
HST7413	NS 211	5	HUG	100	80	5.0		5.000	H					1μA	60	35	5.000
HST7414	NS 211	5	HUG	60	40	5.0		5.000	H					1μA	30	70	5.000
HST7415	NS 211	5	HUG	80	60	5.0		5.000	H					1μA	60	70	5.000
HST7416	NS 211	5	HUG	100	80	5.0		5.000	H					1μA	60	70	5.000
HST7417	NS 211	5	HUG	60	40	5.0		5.000	H					1μA	30	150	5.000
HST7418	NS 211	5	HUG	80	60	5.0		5.000	H					1μA	60	150	5.000
HST7419	NS 211	5	HUG	100	80	5.0		5.000	H					1μA	60	150	5.000
HST7601	NS 607	41	HUG	60	40	8.0		65.000	H			60.000	G	500NA	30	70	5.000
HST7602	NS 607	41	HUG	80	60	8.0		65.000	H			60.000	G	500NA	30	70	5.000
HST7603	NS 607	41	HUG	100	80	8.0		65.000	H			60.000	G	500NA	60	70	5.000
HST7604	NS 607	41	HUG	140	120	8.0		65.000	H			60.000	G	500NA	60	70	5.000
HST7605	NS 607	41	HUG	170	150	8.0		65.000	H			60.000	G	500NA	100	70	5.000
HST7606	NS 607	41	HUG	220	200	8.0		65.000	H			60.000	G	500NA	100	70	5.000
HST7607	NS 607	41	HUG	60	40	8.0		65.000	H			60.000	G	500NA	30	35	5.000
HST7608	NS 607	41	HUG	80	60	8.0		65.000	H			60.000	G	500NA	30	35	5.000
HST7609	NS 607	41	HUG	100	80	8.0		65.000	H			60.000	G	500NA	60	35	5.000
HST7610	NS 607	41	HUG	140	120	8.0		65.000	H			60.000	G	500NA	60	35	5.000
HST7611	NS 607	41	HUG	170	150	8.0		65.000	H			60.000	G	500NA	100	35	5.000
HST7612	NS 607	41	HUG	220	200	8.0		65.000	H			60.000	G	500NA	100	35	5.000
HST7801	NS 561	61	HUG	225	200	8.0		50.000	H			50.000	G	1μA	100	35	5.000
HST7802	NS 561	61	HUG	250	225	8.0		50.000	H			50.000	G	1μA	100	35	5.000
HST7803	NS 561	61	HUG	275	250	8.0		50.000	H			50.000	G	1μA	100	35	5.000
HST7804	NS 561	61	HUG	325	300	8.0		50.000	H			50.000	G	1μA	100	35	5.000
HST7805	NS 561	61	HUG	350	325	8.0		50.000	H			50.000	G	1μA	100	35	5.000
HST7806	NS 561	61	HUG	150	150	8.0		50.000	H			50.000	G	1μA	100	15	5.000
HST7807	NS 561	61	HUG	200	200	8.0		50.000	H			50.000	G	1μA	100	23	5.000
HST7808	NS 561	61	HUG	250	250	8.0		50.000	H			50.000	G	1μA	100	23	5.000
HST7809	NS 561	61	HUG	300	300	8.0		50.000	H			50.000	G	1μA	100	23	5.000
HST7901	NS 605	66	HUG	225	200	8.0		25.000	H			50.000	G	1μA	100	35	5.000
HST7902	NS 605	66	HUG	250	225	8.0		25.000	H			50.000	G	1μA	100	35	5.000
HST7903	NS 605	66	HUG	275	250	8.0		25.000	H			50.000	G	1μA	100	35	5.000
HST7904	NS 605	66	HUG	325	300	8.0		25.000	H			50.000	G	1μA	100	35	5.000
HST7905	NS 605	66	HUG	350	325	8.0		25.000	H			50.000	G	1μA	100	35	5.000
HST7907	NS 605	66	HUG	200	200	8.0		25.000	H			50.000	G	10μA	100	23	5.000
HST7908	NS 605	66	HUG	250	250	8.0		25.000	H			50.000	G	10μA	100	23	5.000
HST7909	NS 605	66	HUG	300	300	8.0		25.000	H			50.000	G	10μA	100	23	5.000
HST7910	NS 605	66	HUG	150	150	8.0		25.000	H			50.000	G	10μA	100	15	5.000
HST8002	NS 561	63	HUG	80	60	8.0		100.000	H			35.000	G	100μA	60	70	5.000
HST8003	NS 561	63	HUG	100	80	8.0		100.000	H			35.000	G	100μA	60	70	5.000
HST8012	NS 561	63	HUG	80	60	8.0		100.000	H			35.000	G	10μA	60	35	5.000
HST8013	NS 561	63	HUG	100	80	8.0		100.000	H			35.000	G	10μA	60	35	5.000
HST8015	NS 561	63	HUG	80	60	8.0		100.000	H			35.000	G	10μA	60	70	5.000
HST8016	NS 561	63	HUG	100	80	8.0		100.000	H			35.000	G	10μA	60	70	5.000
HST8045	NS 561	63	HUG	45	25	5.0		100.000	H			35.000	G	10μA	25	60	5.000
HST8070	NS 561	63	HUG	80	60	8.0		100.000	H			35.000	G	10μA	60	150	5.000
HST8071	NS 561	63	HUG	100	80	8.0		100.000	H			35.000	G	10μA	60	150	5.000
HST8105	NS 913 A		HUG	80	60	8.0		65.000	H			35.000	G	100μA	60	70	5.000
HST8106	NS 913 A		HUG	100	80	8.0		65.000	H			35.000	G	100μA	60	70	5.000
HST8110	NS 913 A		HUG	80	60	8.0		65.000	H			35.000	G	10μA	60	150	5.000
HST8111	NS 913 A		HUG	100	80	8.0		65.000	H			35.000	G	10μA	60	150	5.000
HST8112	NS 913 A		HUG	80	60	8.0		65.000	H			35.000	G	10μA	60	35	5.000
HST8113	NS 913 A		HUG	100	80	8.0		65.000	H			35.000	G	10μA	60	35	5.000
HST8114	NS 913 A		HUG	40	25	8.0		65.000	H			35.000	G	10μA	60	60	5.000
HST8115	NS 913 A		HUG	80	60	8.0		65.000	H			35.000	G	10μA	60	70	5.000
HST8116	NS 913 A		HUG	100	80	8.0		65.000	H			35.000	G	10μA	60	70	5.000
HST8301	NS 561	63	HUG	80	60	8.0		100.000	H			35.000	G	10μA	60	70	5.000
HST8302	NS 561	63	HUG	100	80	8.0		100.000	H			35.000	G	10μA	60	70	5.000
HST8303	NS 561	63	HUG	80	60	8.0		100.000	H			35.000	G	10μA	60	150	5.000
HST8304	NS 561	63	HUG	100	80	8.0		100.000	H			35.000	G	10μA	60	150	5.000
HST8601	NS 403	68	HUG	80	60	8.0		166.000	H			15.000	G	10μA	60	15	5.000
HST8602	NS 403	68	HUG	100	80	8.0		166.000	H			15.000	G	10μA	60	15	5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
HST8603	NS 403	68	HUG	120	100	8.0		166.000	H			15.000	G	10μA	60	15	5.000
HST8604	NS 403	68	HUG	140	120	8.0		166.000	H			15.000	G	10μA	60	15	5.000
HST8651	NS 403	68	HUG	200	200	8.0		166.000	H			15.000	G	10μA	100	20	5.000
HST8652	NS 403	68	HUG	225	225	8.0		166.000	H			15.000	G	10μA	100	20	5.000
HST8653	NS 403	68	HUG	250	250	8.0		166.000	H			15.000	G	10μA	100	20	5.000
HST8654	NS 403	68	HUG	275	275	8.0		166.000	H			15.000	G	10μA	100	20	5.000
HST8655	NS 403	68	HUG	300	300	8.0		166.000	H			15.000	G	10μA	100	20	5.000
HST8801	NS 561	63	HUG	200	200	8.0		100.000	H			30.000	G	1μA	60	30	4.000
HST8802	NS 561	63	HUG	225	225	8.0		100.000	H			30.000	G	1μA	60	30	4.000
HST8803	NS 561	63	HUG	250	250	8.0		100.000	H			30.000	G	1μA	60	30	4.000
HST8804	NS 561	63	HUG	275	275	8.0		100.000	H			30.000	G	1μA	60	30	4.000
HST8805	NS 561	63	HUG	300	300	8.0		100.000	H			30.000	G	1μA	60	30	4.000
HST8920	NS 563	114	HUG	80	60	8.0		200.000	H			15.000	G	10μA	60	15	4.000
HST8921	NS 563	114	HUG	100	80	8.0		200.000	H			15.000	G	10μA	60	15	4.000
HST8922	NS 563	114	HUG	120	100	8.0		200.000	H			15.000	G	10μA	60	15	4.000
HST8923	NS 563	114	HUG	140	120	8.0		200.000	H			15.000	G	10μA	60	15	4.000
HST8951	NS 563	114	HUG	200	200	8.0		166.000	H			15.000	G	10μA	100	20	4.000
HST8952	NS 563	114	HUG	225	225	8.0		166.000	H			15.000	G	10μA	100	20	4.000
HST8953	NS 563	114	HUG	250	250	8.0		166.000	H			15.000	G	10μA	100	20	4.000
HST8954	NS 563	114	HUG	275	275	8.0		166.000	H			15.000	G	10μA	100	20	4.000
HST8955	NS 563	114	HUG	300	300	8.0		166.000	H			15.000	G	10μA	100	20	4.000
HST9001	NS 211	5	HUG	50	30	5.0		4.000	H			70.000	G	1μA	25	30	4.000
HST9002	NS 211	5	HUG	70	50	5.0		4.000	H			70.000	G	1μA	25	30	4.000
HST9003	NS 211	5	HUG	90	70	5.0		4.000	H			70.000	G	1μA	25	30	4.000
HST9004	NS 211	5	HUG	50	30	5.0		4.000	H			70.000	G	1μA	25	52	4.000
HST9005	NS 211	5	HUG	70	50	5.0		4.000	H			70.000	G	1μA	25	52	4.000
HST9006	NS 211	5	HUG	90	70	5.0		4.000	H			70.000	G	1μA	25	52	4.000
HST9007	NS 211	5	HUG	50	30	5.0		4.000	H			70.000	G	1μA	25	88	4.000
HST9008	NS 211	5	HUG	70	50	5.0		4.000	H			70.000	G	1μA	25	88	4.000
HST9009	NS 211	5	HUG	90	70	5.0		4.000	H			70.000	G	1μA	25	88	4.000
HST9010	NS 211	5	HUG	50	30	5.0		4.000	H			70.000	G	1μA	25	150	4.000
HST9011	NS 211	5	HUG	70	50	5.0		4.000	H			70.000	G	1μA	25	150	4.000
HST9012	NS 211	5	HUG	90	70	5.0		4.000	H			70.000	G	1μA	25	150	4.000
HST9201	NS 605	3	HUG	55	45	12.0		115.000	H			70.000	G	2μA	30	38	4.000
HST9202	NS 605	3	HUG	100	80	12.0		115.000	H			70.000	G	700NA	30	38	4.000
HST9203	NS 605	3	HUG	120	100	12.0		115.000	H			70.000	G	700NA	30	38	4.000
HST9204	NS 605	3	HUG	140	120	12.0		115.000	H			70.000	G	700NA	30	38	4.000
HST9205	NS 605	3	HUG	55	45	12.0		115.000	H			70.000	G	2μA	30	32	4.000
HST9206	NS 605	3	HUG	80	60	12.0		115.000	H			70.000	G	700NA	30	32	4.000
HST9207	NS 605	3	HUG	100	80	12.0		115.000	H			70.000	G	700NA	30	32	4.000
HST9208	NS 605	3	HUG	120	100	12.0		115.000	H			70.000	G	700NA	30	32	4.000
HST9209	NS 605	3	HUG	140	120	12.0		115.000	H			70.000	G	700NA	30	32	4.000
HST9210	NS 605	3	HUG	40	30	5.0		115.000	H			70.000	G	5μA	20	23	2.000
HST9801	NS 605	3	HUG	60	40	12.0		83.000	H			70.000	G	1μA	40	35	4.000
HST9802	NS 605	3	HUG	80	60	12.0		83.000	H			70.000	G	1μA	60	35	4.000
HST9803	NS 605	3	HUG	100	80	12.0		83.000	H			70.000	G	1μA	80	35	4.000
HST9804	NS 605	3	HUG	120	100	12.0		83.000	H			70.000	G	1μA	100	35	4.000
HST9901	NS 561	61	HUG	60	40	12.0		61.000	H			70.000	G	1μA	40	35	4.000
HST9902	NS 561	61	HUG	80	60	12.0		61.000	H			70.000	G	1μA	60	35	4.000
HST9903	NS 561	61	HUG	100	80	12.0		61.000	H			70.000	G	1μA	80	35	4.000
HST9904	NS 561	61	HUG	120	100	12.0		61.000	H			70.000	G	1μA	100	35	4.000
IRTR62	NS 210	5	INR	50	30		.250	.500	A			250.000	G			23	
IRTR63	NS 210	5	INR	50	30		.250	2.000	C			250.000	G			23	
IRTR64	NS 210	39	INR	50	30		.400	5.000	C			400.000	G			23	
IRTR65	NS 210	39	INR	50	25		1.500	5.000	C			175.000	G			15	
IRTR66	NS 540	60	INR	50	25		3.300	70.000	C			175.000	G			15	
IRTR67	NS 605	3	INR	700	400		5.000	100.000	C			2.000	G			15	
IRTR68	NS 605	3	INR	500	600		1.000	50.000	C			1.000	G			40	
IRTR69	NS 45	98	INR	40	40		.200	.400	A			60.000	G				
IRTR70	NS 217	72	INR	40	30		.025	.230	A			600.000	G			90	
IRTR71	NS 217	72	INR	40	30		.025	.230	A			600.000	G			90	
IRTR72	NS 49 A		INR	80	80		1.000	5.000	C			150.000	G			170	
IRTR73	PS 49 A		INR	80	80		1.000	5.000	C			125.000	G			140	
IRTR74	NS 49 A		INR	180	180		1.000	8.000	C			100.000	G			100	
IRTR75	NS 49 A		INR	450	350		1.000	20.000	C			150.000	G			100	
IRTR76	NS 54	220 AB	INR	60	60		4.000	40.000	C			3.000	G			60	
IRTR77	PS 54	220 AB	INR	60	60		4.000	40.000	C			3.000	G			60	
IRTR78	NS 210	39	INR	300	300		.100	7.000	C			100.000	G			100	
IRTR80	NS 217	72	INR	20	12		.050	.300	A			1200.000	G			60	
IRTR81	NS 605	66	INR	500	300		4.000	35.000	C			20.000	G			105	
IRTR82	PG 210	39	INR	25	25		2.000	6.000	C			.700	G			110	
IRTR83	NS 217	104	INR	45			.050	.180	A			1200.000	G			130	
IRTR-50	PG 605	66	INR	45			5.000	57.000	A								
IRTR-51	NS 173	106	INR	120			.100	.310	A								
IRTR-52	PS 173	106	INR	80			.100	.310	A								
IRTR-53	NS 173	106	INR	110			.300	.310	A								
IRTR-54	PS 41	92	INR	45			.600	.310	A								
IRTR-55	NS 52 A		INR	82			3.000	12.500	C								
IRTR-56	PS 52 A		INR	82			3.000	12.500	C								
IRTR-57	NS 605	66	INR	90			4.000	25.000	C								
IRTR-58	PS 605	66	INR	90			4.000	25.000	C								
IRTR-59	NS 605	3	INR	70			10.000	150.000	C								
IRTR-60	NS 48 B		INR	375			.500	20.000	C								
IRTR-61	NS 605	3	INR	400			10.000	125.000	C								
JR5	PG 120	58	SEM	30	20	10.0	.200	.200	A			1.000	G			70	
JR10	PG 120	58	SEM	20	20	1.0	.100	.100	A			40.000	G			50	
JR15	PG 120	58	SEM	35	25	20.0	.200	.250	A			.500	G			150	
JR30	PG 120	58	SEM	20	20	2.0	.100	.100	A			70.000	G			100	
JR30X	PG 120	58	SEM	20	20	2.0	.100	.100	A			130.000	G			150	
JR100	PG 210	18	SEM	12	12	1.0	.100	.100	A			150.000	G			70	
JR200	PG 210	18	SEM	15	15	2.0	.100	.100	A			250.000	G			100	
KF2000	PG 211	5	KSC	80	50S	20.0	3.000	.400	C	100	J	.010	E	650μA	80	35	1.000
KF2001	PG 211	5	KSC	120	100S	20.0	3.000	.400	C	100	J	.010	E	650μA	120	60	1.000
KF2002	PG 211	5	KSC	80	50S	20.0	3.000	.400	C	100	J	.010	E	650μA	80	35	1.000
KF2003	PG 211	5	KSC	120	100S	20.0	3.000	.400	C	100	J	.010	E	650μA	120		
KL8010	PG 170	8	KSC	60	35	30.0	10.000	42.000	C	110	J	.800	G	2MA	60	75	5.000
KL8011	PG 170	8	KSC	60	35	30.0	10.000	42.000	C	110	J	.800	G	2MA	60	75	5.000
KL8012	PG 170	8	KSC	100	50	30.0	10.000	42.000	C	110	J	.800	G	2MA	100	100	5.000
KL8013	PG 170	8	KSC	100	50	30.0	10.000	42.000	C	110	J	.800	G	2MA	100	100	5.000
KL8503	PG 170	8	KSC	60	40	30.0	3.000	28.000	C	110	J	.014	E	2MA	60	15	3.000
KL8504	PG 170	8	KSC	60	40	30.0	3.000	28.000	C	110	J	.014	E	2MA	60	22	3.000
KL8505	PG 170	8	KSC	100	65	30.0	3.000	28.000	C	110	J	.012	E	2MA	100	15	3.000
KL8506	PG 170	8	KSC	100	65	30.0	3.000	28.000	C	110	J	.012	E	2MA	100	22	3.000
KP3446	NS 631	37	KER	60	40	4.0	2.000	10.000	C	175	J	250.000	G			20	1.500
KR6003	PG 605	66	KSC	60	40	30.0	3.000	28.000	C	110	J	.014	E	2MA	60	15	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
KR6004	PG 605	66	KSC	60	40	30.0	3.000	28.000	C	110	J	.012	E	2MA	60	22	3.000
KR6005	PG 605	66	KSC	100	65	30.0	3.000	28.000	C	110	J	.014	E	2MA	100	15	3.000
KR6006	PG 605	66	KSC	100	65	30.0	3.000	28.000	C	110	J	.012	E	2MA	100	22	3.000
KR6500	PG 605	66	KSC	60	35	30.0	10.000	42.000	C	110	J	.800	G	2MA	60	55	10.000
KR6501	PG 605	66	KSC	60	35	30.0	10.000	42.000	C	110	J	.800	G	2MA	60	110	10.000
KR6502	PG 605	66	KSC	100	50	30.0	10.000	42.000	C	110	J	.800	G	2MA	100	55	10.000
KR6503	PG 605	66	KSC	100	50	30.0	10.000	42.000	C	110	J	.800	G	2MA	100	110	10.000
KS6101	NS 210	39	KER	60	60	4.5	1.000	4.000	H	200	J	600.000	G	500µA	40	22	.250
KS6102	NS 210	39	KER	40	40	4.5	1.000	4.000	H	200	J	450.000	G	500µA	25	22	.250
KS6103	NS 210	39	KER	60	60	4.5	1.000	4.000	H	200	J	360.000	G	500µA	40	15	.500
KS6104	NS 210	39	KER	40	40	4.5	1.000	4.000	H	200	J	300.000	G	500µA	25	15	.500
KS6105	NS 210	39	KER	60	60	4.5	2.000	4.000	H	200	J	480.000	G	500µA	40	30	1.000
KS6106	NS 210	39	KER	40	40	4.5	2.000	4.000	H	200	J	400.000	G	500µA	25	30	1.000
KS6107	NS 632	37	KER	60	60	4.5	2.000	6.000	H	200	J	250.000	G	500µA	40	22	1.000
KS6108	NS 632	37	KER	40	40	4.5	2.000	6.000	H	200	J	225.000	G	500µA	25	22	1.000
KS6109	NS 540	60	KER	80	80	4.5	2.000	8.000	H	200	J	400.000	G	500µA	60	22	1.000
KS6110	NS 540	60	KER	40	40	4.5	2.000	8.000	H	200	J	350.000	G	500µA	25	22	1.000
KS6111	NS 540	60	KER	80	80	4.5	2.000	8.000	H	200	J	400.000	G	500µA	60	22	1.000
KS6112	NS 540	60	KER	80	80	4.5	2.000	8.000	H	200	J	350.000	G	500µA	25	22	1.000
KS6113	NS 543	60	KER	30	30	4.5	4.000	15.000	H	200	J	250.000	G	500µA	20	15	2.000
KS6114	NS 543	60	KER	20	20	4.5	4.000	15.000	H	200	J	250.000	G	500µA	15	15	2.000
KS6115	NS 543	60	KER	30	30	4.5	7.000	18.000	H	200	J	250.000	G	500µA	20	15	5.000
KS6116	NS 543	60	KER	20	20	4.5	7.000	18.000	H	200	J	250.000	G	500µA	15	15	5.000
KS6117	NS 605	3	KER	100	100	4.5	10.000	50.000	H	200	J	150.000	G	500µA	60	22	5.000
KS6118	NS 605	3	KER	60	60	4.5	10.000	50.000	H	200	J	150.000	G	500µA	40	22	5.000
KS6119	NS 605	3	KER	40	40	4.5	10.000	50.000	H	200	J	150.000	G	500µA	25	22	5.000
KS6120	NS 605	3	KER	100	100	4.5	15.000	60.000	H	200	J	150.000	G	500µA	60	22	10.000
KS6121	NS 605	3	KER	60	60	4.5	15.000	60.000	H	200	J	150.000	G	500µA	40	22	10.000
KS6122	NS 605	3	KER	40	40	4.5	15.000	60.000	H	200	J	150.000	G	500µA	25	22	10.000
KS6123	NS 605	3	KER	80	80	4.5	10.000	50.000	H	200	J	150.000	G	500µA	60	22	5.000
KS6124	NS 605	3	KER	40	40	4.5	10.000	50.000	H	200	J	150.000	G	500µA	25	22	5.000
KS6125	NS 605	3	KER	80	80	4.5	15.000	60.000	H	200	J	150.000	G	500µA	60	22	10.000
KS6126	NS 605	3	KER	40	40	4.5	15.000	60.000	H	200	J	150.000	G	500µA	25	22	10.000
KSD1051	NS 605	3	KER	55	45	7.0	15.000	65.000	H	200	J	.800	G	2MA	30	38	4.000
KSD1052	NS 605	3	KER	100	80	7.0	15.000	65.000	H	200	J	.800	G	700µA	30	38	4.000
KSD1053	NS 605	3	KER	120	100	7.0	15.000	65.000	H	200	J	.800	G	700µA	30	38	4.000
KSD1054	NS 605	3	KER	140	120	7.0	15.000	65.000	H	200	J	.800	G	700µA	30	38	4.000
KSD1055	NS 605	3	KER	55	45	7.0	15.000	65.000	H	200	J	.800	G	2MA	30	38	4.000
KSD1056	NS 605	3	KER	80	60	7.0	15.000	65.000	H	200	J	.800	G	700µA	30	38	4.000
KSD1057	NS 605	3	KER	100	80	7.0	15.000	65.000	H	200	J	.800	G	700µA	30	38	4.000
KSD1058	NS 605	3	KER	120	100	7.0	15.000	65.000	H	200	J	.800	G	700µA	30	38	4.000
KSD2101	NS 605	66	KER	80	45	7.0	4.000	16.600	H	200	J	.800	G	1MA	80	50	.500
KSD2102	NS 605	66	KER	70	35	7.0	4.000	16.600	H	200	J	.800	G	1MA	70	50	.500
KSD2103	NS 605	66	KER	60	25	7.0	4.000	16.600	H	200	J	.800	G	1MA	60	50	.500
KSD2201	NS 605	3	KER	140	120	7.0	10.000	65.000	H	200	J	AUD		1MA	120	38	3.000
KSD2202	NS 605	3	KER	120	100	7.0	10.000	65.000	H	200	J	AUD		1MA	100	38	3.000
KSD2203	NS 605	3	KER	100	80	7.0	10.000	65.000	H	200	J	AUD		1MA	80	38	3.000
KSD3055	NS 605	3	KER	100	60	7.0	15.000	65.000	H	200	J	.800	G	5MA	100	30	4.000
KSD3771	NS 605	3	KER	50	40	5.0	30.000	85.000	H	200	J	AUD		10MA	30	17	15.000
KSD3772	NS 605	3	KER	100	60	7.0	20.000	85.000	H	200	J	AUD		10MA	50	17	10.000
KSD3773	NS 605	3	KER	160	140	7.0	16.000	85.000	H	200	J	AUD		10MA	120	17	8.000
KSD9701	NS 605	3	KER	100	80	7.0	16.000	85.000	H	200	J	AUD		10MA	60	30	8.000
KSD9701A	NS 605	3	KER	100	80	7.0	16.000	85.000	H	200	J	AUD		10MA	60	17	8.000
KSD9702	NS 605	3	KER	120	100	7.0	16.000	85.000	H	200	J	AUD		10MA	80	30	8.000
KSD9702A	NS 605	3	KER	120	100	7.0	16.000	85.000	H	200	J	AUD		10MA	80	17	8.000
KSD9703	NS 605	3	KER	140	120	7.0	16.000	85.000	H	200	J	AUD		10MA	100	30	8.000
KSD9703A	NS 605	3	KER	140	120	7.0	16.000	85.000	H	200	J	AUD		10MA	100	17	8.000
KSD9704	NS 605	3	KER	100	80	7.0	16.000	85.000	H	200	J	AUD		10MA	60	40	5.000
KSD9705	NS 605	3	KER	120	100	7.0	16.000	85.000	H	200	J	AUD		10MA	80	40	5.000
KSD9706	NS 605	3	KER	140	120	7.0	16.000	85.000	H	200	J	AUD		10MA	100	40	5.000
KSD9707	NS 605	3	KER	80	60	7.0	16.000	85.000	H	200	J	AUD		10MA	40	23	5.000
KSP1001	NS 563	114	KER	80	60	8.0	100.000	200.000	H	200	J	25.000	G	10µA	40	25	70.000
KSP1002	NS 563	114	KER	100	80	8.0	100.000	200.000	H	200	J	25.000	G	10µA	60	25	70.000
KSP1003	NS 563	114	KER	120	100	8.0	100.000	200.000	H	200	J	25.000	G	10µA	100	25	70.000
KSP1004	NS 403	68	KER	80	60	8.0	100.000	166.000	H			25.000	G	10MA	40	25	70.000
KSP1005	NS 403	68	KER	100	80	8.0	100.000	166.000	H			25.000	G	10MA	60	25	70.000
KSP1006	NS 403	68	KER	120	100	8.0	100.000	166.000	H			25.000	G	10MA	100	25	70.000
KSP1021	NS 605	66	KER	80	60	8.0	5.000	30.000	H			110.000	G	1MA	60	40	1.000
KSP1022	NS 605	66	KER	100	80	8.0	5.000	30.000	H			110.000	G	1MA	80	40	1.000
KSP1023	NS 605	66	KER	140	120	8.0	5.000	30.000	H			110.000	G	1MA	120	40	1.000
KSP1024	NS 605	66	KER	80	60	8.0	5.000	30.000	H			110.000	G	1MA	60	80	1.000
KSP1025	NS 605	66	KER	100	80	8.0	5.000	30.000	H			110.000	G	1MA	80	80	1.000
KSP1026	NS 605	66	KER	140	120	8.0	5.000	30.000	H			110.000	G	1MA	120	80	1.000
KSP1031	NS 568	111	KER	80	60	8.0	5.000	30.000	H			110.000	G	1MA	60	40	1.000
KSP1032	NS 568	111	KER	100	80	8.0	5.000	30.000	H			110.000	G	1MA	120	40	1.000
KSP1033	NS 568	111	KER	140	120	8.0	5.000	30.000	H			110.000	G	1MA	120	40	1.000
KSP1034	NS 568	111	KER	80	60	8.0	5.000	30.000	H			110.000	G	1MA	60	80	1.000
KSP1035	NS 568	111	KER	100	80	8.0	5.000	30.000	H			110.000	G	1MA	80	80	1.000
KSP1036	NS 568	111	KER	140	120	8.0	5.000	30.000	H			110.000	G	1MA	120	80	1.000
KSP1041	NS 605	3	KER	80	60	8.0	5.000	60.000	H			110.000	G	1MA	60	40	1.000
KSP1042	NS 605	3	KER	100	80	8.0	5.000	60.000	H			110.000	G	1MA	80	40	1.000
KSP1043	NS 605	3	KER	140	120	8.0	5.000	60.000	H			110.000	G	1MA	120	40	1.000
KSP1044	NS 605	3	KER	80	60	8.0	5.000	60.000	H			110.000	G	1MA	60	80	1.000
KSP1045	NS 605	3	KER	100	80	8.0	5.000	60.000	H			110.000	G	1MA	80	80	1.000
KSP1046	NS 605	3	KER	140	120	8.0	5.000	60.000	H			110.000	G	1MA	120	80	1.000
KSP1051	NS 210	5	KER	225	200	8.0	5.000	4.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1052	NS 210	5	KER	250	225	8.0	5.000	4.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1053	NS 210	5	KER	275	250	8.0	5.000	4.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1054	NS 210	5	KER	300	275	8.0	5.000	4.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1055	NS 210	5	KER	325	300	8.0	5.000	4.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1071	NS 605	66	KER	225	200	8.0	5.000	30.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1072	NS 605	66	KER	250	225	8.0	5.000	30.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1073	NS 605	66	KER	275	250	8.0	5.000	30.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1074	NS 605	66	KER	300	275	8.0	5.000	30.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1075	NS 605	66	KER	325	300	8.0	5.000	30.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1091	NS 605	3	KER	225	200	8.0	5.000	60.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1092	NS 605	3	KER	250	225	8.0	5.000	60.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1093	NS 605	3	KER	275	250	8.0	5.000	60.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1094	NS 605	3	KER	300	275	8.0	5.000	60.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1095	NS 605	3	KER	325	300	8.0	5.000	60.000	H	200	J	90.000	G	1µA	100	40	1.000
KSP1101	NS 561	61	KER	225	200	8.0	10.000	50.000	H	200	J	80.000	G	1µA	100	40	5.000
KSP1102	NS 561	61	KER	250	225	8.0	10.000	50.000	H	200	J	80.000	G	1µA	100	40	5.000
KSP1103	NS 561	61	KER	275	250	8.0	10.000	50.000	H	200	J	80.000	G	1µA	100	40	5.000
KSP1104	NS 561	61	KER	300	275	8.0	10.000	50.000	H	200	J	80.000	G	1µA	100	40	5.000
KSP1105	NS 561	61	KER	325	300	8.0	10.000	50.000	H	200	J	80.000	G	1µA	100	40	5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz)	Cutoff I_{CBO} @ V_{CB}	Gain h_{FE} @ I_C(A)
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Temp. (°C)			
KSP1121	NS 605	66	KER	225	200	8.0	10.000	40.000 H		80.000 G	1MA 100	40 5.000
KSP1122	NS 605	66	KER	250	225	8.0	10.000	40.000 H		80.000 G	1MA 100	40 5.000
KSP1123	NS 605	66	KER	275	250	8.0	10.000	40.000 H		80.000 G	1MA 100	40 5.000
KSP1124	NS 605	66	KER	300	275	8.0	10.000	40.000 H		80.000 G	1MA 100	40 5.000
KSP1125	NS 605	66	KER	325	300	8.0	10.000	40.000 H		80.000 G	1MA 100	40 5.000
KSP1141	NS 605	3	KER	225	200	8.0	10.000	80.000 H	200 J	80.000 G	1μA 100	40 5.000
KSP1142	NS 605	3	KER	250	225	8.0	10.000	80.000 H	200 J	80.000 G	1μA 100	40 5.000
KSP1143	NS 605	3	KER	275	250	8.0	10.000	80.000 H	200 J	80.000 G	1μA 100	40 5.000
KSP1144	NS 605	3	KER	300	275	8.0	10.000	80.000 H	200 J	80.000 G	1μA 100	40 5.000
KSP1145	NS 605	3	KER	325	300	8.0	10.000	80.000 H	200 J	80.000 G	1μA 100	40 5.000
KSP1151	NS 561	61	KER	80	60	8.0	10.000	50.000 H	200 J	100.000 G	1μA 60	40 5.000
KSP1152	NS 561	61	KER	100	80	8.0	10.000	50.000 H	200 J	100.000 G	1μA 80	40 5.000
KSP1153	NS 561	61	KER	140	120	8.0	10.000	50.000 H	200 J	100.000 G	1μA 120	40 5.000
KSP1154	NS 561	61	KER	80	60	8.0	10.000	50.000 H	200 J	100.000 G	1μA 60	80 5.000
KSP1155	NS 561	61	KER	100	80	8.0	10.000	50.000 H	200 J	100.000 G	1μA 80	80 5.000
KSP1156	NS 561	61	KER	140	120	8.0	10.000	50.000 H	200 J	100.000 G	1μA 120	80 5.000
KSP1161	NS 605	66	KER	80	60	8.0	10.000	40.000 H		100.000 G	1MA 60	40 5.000
KSP1162	NS 605	66	KER	100	80	8.0	10.000	40.000 H		100.000 G	1MA 80	40 5.000
KSP1163	NS 605	66	KER	140	120	8.0	10.000	40.000 H		100.000 G	1MA 120	40 5.000
KSP1164	NS 605	66	KER	80	60	8.0	10.000	40.000 H		100.000 G	1MA 60	80 5.000
KSP1165	NS 605	66	KER	100	80	8.0	10.000	40.000 H		100.000 G	1MA 80	80 5.000
KSP1166	NS 605	66	KER	140	120	8.0	10.000	40.000 H		100.000 G	1MA 120	80 5.000
KSP1171	NS 605	3	KER	80	60	8.0	10.000	80.000 H	200 J	100.000 G	1μA 60	40 5.000
KSP1172	NS 605	3	KER	100	80	8.0	10.000	80.000 H	200 J	100.000 G	1μA 80	40 5.000
KSP1173	NS 605	3	KER	140	120	8.0	10.000	80.000 H	200 J	100.000 G	1μA 120	40 5.000
KSP1174	NS 605	3	KER	80	60	8.0	10.000	80.000 H	200 J	100.000 G	1μA 60	80 5.000
KSP1175	NS 605	3	KER	100	80	8.0	10.000	80.000 H	200 J	100.000 G	1μA 80	80 5.000
KSP1176	NS 605	3	KER	140	120	8.0	10.000	80.000 H	200 J	100.000 G	1μA 120	80 5.000
KSP1201	NS 560	63	KER	225	200	8.0	20.000	100.000 H	200 J	70.000 G	10μA 100	40 10.000
KSP1202	NS 560	63	KER	250	225	8.0	20.000	100.000 H	200 J	15.000 G	10μA 100	40 10.000
KSP1203	NS 560	63	KER	275	250	8.0	20.000	100.000 H	200 J	15.000 G	10μA 100	40 10.000
KSP1204	NS 560	63	KER	300	275	8.0	20.000	100.000 H	200 J	15.000 G	10μA 100	40 10.000
KSP1205	NS 560	63	KER	325	300	8.0	20.000	100.000 H	200 J	15.000 G	10μA 100	40 10.000
KSP1221	NS 605	3	KER	225	200	8.0	20.000	100.000 H		70.000 G	10MA 100	40 10.000
KSP1222	NS 605	3	KER	250	225	8.0	20.000	100.000 H		70.000 G	10MA 100	40 10.000
KSP1223	NS 605	3	KER	275	250	8.0	20.000	100.000 H		70.000 G	10MA 100	40 10.000
KSP1224	NS 605	3	KER	300	275	8.0	20.000	100.000 H		70.000 G	10MA 100	40 10.000
KSP1225	NS 605	3	KER	325	300	8.0	20.000	100.000 H		70.000 G	10MA 100	40 10.000
KSP1251	NS 560	63	KER	80	60	8.0	20.000	100.000 H	200 J	90.000 G	10μA 60	40 10.000
KSP1252	NS 560	63	KER	100	80	8.0	20.000	100.000 H	200 J	90.000 G	10μA 80	40 10.000
KSP1253	NS 560	63	KER	140	120	8.0	20.000	100.000 H	200 J	90.000 G	10μA 120	40 10.000
KSP1254	NS 560	63	KER	80	60	8.0	20.000	100.000 H	200 J	90.000 G	10μA 60	80 10.000
KSP1255	NS 560	63	KER	100	80	8.0	20.000	100.000 H	200 J	90.000 G	10μA 80	80 10.000
KSP1256	NS 560	63	KER	140	120	8.0	20.000	100.000 H	200 J	90.000 G	10μA 120	80 10.000
KSP1271	NS 605	3	KER	80	60	8.0	20.000	100.000 H		90.000 G	10MA 60	40 10.000
KSP1272	NS 605	3	KER	100	80	8.0	20.000	100.000 H		90.000 G	10MA 80	40 10.000
KSP1273	NS 605	3	KER	140	120	8.0	20.000	100.000 H		90.000 G	10MA 120	40 10.000
KSP1274	NS 605	3	KER	80	60	8.0	20.000	100.000 H		90.000 G	10MA 60	80 10.000
KSP1275	NS 605	3	KER	100	80	8.0	20.000	100.000 H		90.000 G	10MA 80	80 10.000
KSP1276	NS 605	3	KER	140	120	8.0	20.000	100.000 H		90.000 G	10MA 120	80 10.000
KSP1341	NS 605	66	KER	225	200	8.0	2.000	16.000 H		100.000 G	1MA 100	40 .500
KSP1342	NS 605	66	KER	250	225	8.0	2.000	16.000 H		100.000 G	1MA 100	40 .500
KSP1343	NS 605	66	KER	275	250	8.0	2.000	16.000 H		100.000 G	1MA 100	40 .500
KSP1344	NS 605	66	KER	300	275	8.0	2.000	16.000 H		100.000 G	1MA 100	40 .500
KSP1345	NS 605	66	KER	325	300	8.0	2.000	16.000 H		100.000 G	1MA 100	40 .500
KSP1391	NS 605	66	KER	80	60	8.0	2.000	16.000 H		120.000 G	100NA 60	40 .500
KSP1392	NS 605	66	KER	100	80	8.0	2.000	16.000 H		120.000 G	100NA 80	40 .500
KSP1393	NS 605	66	KER	140	120	8.0	2.000	16.000 H		120.000 G	100NA 100	40 .500
KSP1394	NS 605	66	KER	80	60	8.0	2.000	16.000 H		120.000 G	100NA 60	80 .500
KSP1395	NS 605	66	KER	100	80	8.0	2.000	16.000 H		120.000 G	100NA 80	80 .500
KSP1396	NS 605	66	KER	140	120	8.0	2.000	16.000 H		120.000 G	100NA 100	80 .500
KSP1601	NS 563	114	KER	200	200	8.0	60.000	200.000 H	200 J	30.000 G	10μA 100	25 40.000
KSP1602	NS 563	114	KER	225	225	8.0	60.000	200.000 H	200 J	30.000 G	10μA 100	25 40.000
KSP1603	NS 563	114	KER	250	250	8.0	60.000	200.000 H	200 J	30.000 G	10μA 100	25 40.000
KSP1604	NS 563	114	KER	275	275	8.0	60.000	200.000 H	200 J	30.000 G	10μA 100	25 40.000
KSP1605	NS 563	114	KER	300	300	8.0	60.000	200.000 H	200 J	30.000 G	10μA 100	25 40.000
KSP1611	NS 405	36	KER	200	200	8.0	60.000	166.000 H		30.000 G	10MA 100	25 40.000
KSP1612	NS 405	36	KER	225	225	8.0	60.000	166.000 H		30.000 G	10MA 100	25 40.000
KSP1613	NS 405	36	KER	250	250	8.0	60.000	166.000 H		30.000 G	10MA 100	25 40.000
KSP1614	NS 405	36	KER	275	275	8.0	60.000	166.000 H		30.000 G	10MA 100	25 40.000
KSP1615	NS 405	36	KER	300	300	8.0	60.000	166.000 H		30.000 G	10MA 100	25 40.000
KSP1651	NS 563	114	KER	80	60	8.0	60.000	200.000 H		40.000 G	10MA 60	30 40.000
KSP1652	NS 563	114	KER	100	80	8.0	60.000	200.000 H		40.000 G	10MA 80	30 40.000
KSP1653	NS 563	114	KER	140	120	8.0	60.000	200.000 H		40.000 G	10MA 120	30 40.000
KSP1654	NS 563	114	KER	80	60	8.0	60.000	200.000 H		40.000 G	10MA 60	60 40.000
KSP1655	NS 563	114	KER	100	80	8.0	60.000	200.000 H		40.000 G	10MA 80	60 40.000
KSP1656	NS 563	114	KER	140	120	8.0	60.000	200.000 H		40.000 G	10MA 120	60 40.000
KSP1671	NS 405	36	KER	80	60	8.0	60.000	166.000 H		40.000 G	10MA 60	30 40.000
KSP1672	NS 405	36	KER	100	80	8.0	60.000	166.000 H		40.000 G	10MA 80	30 40.000
KSP1673	NS 405	36	KER	140	120	8.0	60.000	166.000 H		40.000 G	10MA 120	30 40.000
KSP1674	NS 405	36	KER	80	60	8.0	60.000	166.000 H		40.000 G	10MA 60	60 40.000
KSP1675	NS 405	36	KER	100	80	8.0	60.000	166.000 H		40.000 G	10MA 80	60 40.000
KSP1676	NS 405	36	KER	140	120	8.0	60.000	166.000 H		40.000 G	10MA 120	60 40.000
KSP2001	PS 563	114	KER	80	60	8.0	100.000	200.000 H		20.000 G	10MA 40	25 70.000
KSP2002	PS 563	114	KER	100	80	8.0	100.000	200.000 H		20.000 G	10MA 60	25 70.000
KSP2003	PS 563	114	KER	120	100	8.0	100.000	200.000 H		20.000 G	10MA 100	25 70.000
KSP2004	PS 403	68	KER	80	60	8.0	100.000	166.000 H		20.000 G	10MA 40	25 70.000
KSP2005	PS 403	68	KER	100	80	8.0	100.000	166.000 H		20.000 G	10MA 60	25 70.000
KSP2006	PS 403	68	KER	120	100	8.0	100.000	166.000 H		20.000 G	10MA 100	25 70.000
KSP2021	PS 605	66	KER		60	8.0	5.000	30.000 H		100.000 G		40 1.000
KSP2022	PS 605	66	KER		80	8.0	5.000	30.000 H		100.000 G		40 1.000
KSP2023	PS 605	66	KER		120	8.0	5.000	30.000 H		100.000 G		40 1.000
KSP2024	PS 605	66	KER		60	8.0	5.000	30.000 H		100.000 G		80 1.000
KSP2025	PS 605	66	KER		80	8.0	5.000	30.000 H		100.000 G		80 1.000
KSP2026	PS 605	66	KER		120	8.0	5.000	30.000 H		100.000 G		80 1.000
KSP2031	PS 568	111	KER		60	8.0	5.000	30.000 H		100.000 G		40 1.000
KSP2032	PS 568	111	KER		80	8.0	5.000	30.000 H		100.000 G		40 1.000
KSP2033	PS 568	111	KER		120	8.0	5.000	30.000 H		100.000 G		40 1.000
KSP2034	PS 568	111	KER		60	8.0	5.000	30.000 H		100.000 G		80 1.000
KSP2035	PS 568	111	KER		80	8.0	5.000	30.000 H		100.000 G		80 1.000
KSP2036	PS 568	111	KER		120	8.0	5.000	30.000 H		100.000 G		80 1.000
KSP2041	PS 605	3	KER		60	8.0	5.000	60.000 H		100.000 G		40 1.000
KSP2042	PS 605	3	KER		80	8.0	5.000	60.000 H		100.000 G		40 1.000
KSP2043	PS 605	3	KER		120	8.0	5.000	60.000 H		100.000 G		40 1.000
KSP2044	PS 605	3	KER		60	8.0	5.000	60.000 H		100.000 G		80 1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
KSP2045	PS 605	3	KER		80	8.0	5.000	60.000	H			100.000	G			80	1.000
KSP2046	PS 605	3	KER		120	8.0	5.000	60.000	H			100.000	G			80	1.000
KSP2151	PS 561	61	KER	80	60	8.0	10.000	50.000	H			80.000	G	1MA	60	40	5.000
KSP2152	PS 561	61	KER	100	80	8.0	10.000	50.000	H			80.000	G	1MA	80	40	5.000
KSP2153	PS 561	61	KER	140	120	8.0	10.000	50.000	H			80.000	G	1MA	120	40	5.000
KSP2154	PS 561	61	KER	80	60	8.0	10.000	50.000	H			80.000	G	1MA	60	80	5.000
KSP2155	PS 561	61	KER	100	80	8.0	10.000	50.000	H			80.000	G	1MA	80	80	5.000
KSP2156	PS 561	61	KER	140	120	8.0	10.000	50.000	H			80.000	G	1MA	120	80	5.000
KSP2161	PS 605	66	KER	80	60	8.0	10.000	40.000	H			80.000	G	1MA	60	40	5.000
KSP2162	PS 605	66	KER	100	80	8.0	10.000	40.000	H			80.000	G	1MA	80	40	5.000
KSP2163	PS 605	66	KER	140	120	8.0	10.000	40.000	H			80.000	G	1MA	120	40	5.000
KSP2164	PS 605	66	KER	80	60	8.0	10.000	40.000	H			80.000	G	1MA	60	80	5.000
KSP2165	PS 605	66	KER	100	80	8.0	10.000	40.000	H			80.000	G	1MA	80	80	5.000
KSP2166	PS 605	66	KER	140	120	8.0	10.000	40.000	H			80.000	G	1MA	120	80	5.000
KSP2171	PS 605	3	KER	80	60	8.0	10.000	80.000	H			80.000	G	1MA	60	40	5.000
KSP2172	PS 605	3	KER	100	80	8.0	10.000	80.000	H			80.000	G	1MA	80	40	5.000
KSP2173	PS 605	3	KER	140	120	8.0	10.000	80.000	H			80.000	G	1MA	120	40	5.000
KSP2174	PS 605	3	KER	80	60	8.0	10.000	80.000	H			80.000	G	1MA	60	80	5.000
KSP2175	PS 605	3	KER	100	80	8.0	10.000	80.000	H			80.000	G	1MA	80	80	5.000
KSP2176	PS 605	3	KER	140	120	8.0	10.000	80.000	H			80.000	G	1MA	120	80	5.000
KSP2251	PS 560	63	KER	80	60	8.0	20.000	100.000	H			70.000	G	10MA	60	40	10.000
KSP2252	PS 560	63	KER	100	80	8.0	20.000	100.000	H			70.000	G	10MA	80	40	10.000
KSP2253	PS 560	63	KER	140	120	8.0	20.000	100.000	H			70.000	G	10MA	120	40	10.000
KSP2254	PS 560	63	KER	80	60	8.0	20.000	100.000	H			70.000	G	10MA	60	80	10.000
KSP2255	PS 560	63	KER	100	80	8.0	20.000	100.000	H			70.000	G	10MA	80	80	10.000
KSP2256	PS 560	63	KER	140	120	8.0	20.000	100.000	H			70.000	G	10MA	120	80	10.000
KSP2271	PS 605	3	KER	80	60	8.0	20.000	100.000	H			70.000	G	10MA	60	40	10.000
KSP2272	PS 605	3	KER	100	80	8.0	20.000	100.000	H			70.000	G	10MA	80	40	10.000
KSP2273	PS 605	3	KER	140	120	8.0	20.000	100.000	H			70.000	G	10MA	120	40	10.000
KSP2274	PS 605	3	KER	80	60	8.0	20.000	100.000	H			70.000	G	10MA	60	80	10.000
KSP2275	PS 605	3	KER	100	80	8.0	20.000	100.000	H			70.000	G	10MA	80	80	10.000
KSP2276	PS 605	3	KER	140	120	8.0	20.000	100.000	H			70.000	G	10MA	120	80	10.000
KSP2391	PS 605	66	KER	60	60	8.0	2.000	16.000	H					100NA	40	40	.500
KSP2392	PS 605	66	KER	80	80	8.0	2.000	16.000	H					100NA	60	40	.500
KSP2393	PS 605	66	KER	120	120	8.0	2.000	16.000	H					100NA	100	40	.500
KSP2394	PS 605	66	KER	60	60	8.0	2.000	16.000	H					100NA	40	80	.500
KSP2395	PS 605	66	KER	80	80	8.0	2.000	16.000	H					100NA	60	80	.500
KSP2396	PS 605	66	KER	120	120	8.0	2.000	16.000	H					100NA	100	80	.500
KSP2601	PS 563	114	KER	80	60	8.0	60.000	200.000	H			50.000	G	10MA	60	30	40.000
KSP2602	PS 563	114	KER	100	80	8.0	60.000	200.000	H			50.000	G	10MA	80	30	40.000
KSP2603	PS 563	114	KER	140	120	8.0	60.000	200.000	H			50.000	G	10MA	120	30	40.000
KSP2604	PS 563	114	KER	80	60	8.0	60.000	200.000	H			50.000	G	10MA	60	60	40.000
KSP2605	PS 563	114	KER	100	80	8.0	60.000	200.000	H			50.000	G	10MA	80	60	40.000
KSP2606	PS 563	114	KER	140	120	8.0	60.000	200.000	H			50.000	G	10MA	120	60	40.000
KSP2611	PS 405	36	KER	80	60	8.0	60.000	166.000	H			50.000	G	10MA	60	30	40.000
KSP2612	PS 405	36	KER	100	80	8.0	60.000	166.000	H			50.000	G	10MA	80	30	40.000
KSP2613	PS 405	36	KER	140	120	8.0	60.000	166.000	H			50.000	G	10MA	120	30	40.000
KSP2614	PS 405	36	KER	80	60	8.0	60.000	166.000	H			50.000	G	10MA	60	60	40.000
KSP2615	PS 405	36	KER	100	80	8.0	60.000	166.000	H			50.000	G	10MA	80	60	40.000
KSP2616	PS 405	36	KER	140	120	8.0	60.000	166.000	H			50.000	G	10MA	120	60	40.000
KT218	NS 210	18	KEL	40	15	4.5	.200	.300	A	175	J	270.000	G	100NA	20	45	.010
KT218F	NS 210	18	KEL	40	15	4.5	.200	.300	A	175	J			100NA	20	70	.010
KT600	NS 210	5	KEL	50	30	5.0	1.000	.800	A	175	J			1μA	40	60	.100
KT600F	NS 210	5	KEL	60	50	5.0	1.000	.800	A	175	J			500NA	40	60	.100
KT600G	NS 210	5	KEL	90	70	5.0	1.000	.800	A	175	J			500NA	50	60	.100
KT600T	NS 210	5	KEL	60	50	5.0	1.000	.800	A	175	J			1μA	40	60	.100
L10A	NS 607 A		SEJ	50	50	4.0	10.000	200.000	C	150	J	5.000	B			30	
L10B	NS 607 A		SEJ	100	100	4.0	10.000	200.000	C	150	J	5.000	B			30	
L10C	NS 607 A		SEJ	200	200	4.0	10.000	200.000	C	150	J	5.000	B			30	
L10D	NS 607 A		SEJ	300	300	4.0	10.000	200.000	C	150	J	5.000	B			30	
L20A	NS 607 A		SEJ	50	50	4.0	20.000	200.000	C	150	J	5.000	B			30	
L20B	NS 607 A		SEJ	100	100	4.0	20.000	200.000	C	150	J	5.000	B			30	
L20C	NS 607 A		SEJ	200	200	4.0	20.000	200.000	C	150	J	5.000	B			30	
L20D	NS 607 A		SEJ	300	300	4.0	20.000	200.000	C	150	J	5.000	B			30	
L30A	NS 607 A		SEJ	50	50	4.0	30.000	200.000	C	150	J	5.000	B			30	
L30B	NS 607 A		SEJ	100	100	4.0	30.000	200.000	C	150	J	5.000	B			30	
L30C	NS 607 A		SEJ	200	200	4.0	30.000	200.000	C	150	J	5.000	B			30	
L30D	NS 607 A		SEJ	300	300	4.0	30.000	200.000	C	150	J	5.000	B			30	
LDA400	NS 890 A		AMP	35	35	5.0	.030	.360	A	150	J	250.000	G	10NA	10	70	.001
LDA401	NS 890 A		AMP	35	35	5.0	.030	.360	A	150	J	250.000	G	10NA	10	175	.001
LDA402	NS 890 A		AMP	35	35	5.0	.030	.360	A	150	J	250.000	G	100NA	35	175	.001
LDA403	NS 890 A		AMP	35	35	5.0	.030	.360	A	150	J	250.000	G	100NA	35	420	.001
LDA404	NS 890 A		AMP	60		5.0	.800	.250	A			200.000	G	10NA		30	.010
LDA405	NS 890 A		AMP	60		5.0	.800	.250	A			200.000	G	10NA		70	.010
LDA406	NS 890 A		AMP	30	15	3.0	.025	.300	A	150	J	600.000	G	10NA	15	40	.003
LDA407	NS 890 A		AMP		15		.025	.360	A	150	A	1000.000	G			53	
LDA410	NS 890 A		AMP		35		.025	.360	A	150	A					6	
LDA420	NS 890 A		AMP		25		.150	.360	A	150	A					38	
LDA450	PS 890 A		AMP	45	30	5.0	.030	.360	A	150	J	200.000	G	10NA	40	70	.010
LDA451	PS 890 A		AMP	45	30	5.0	.030	.360	A	150	J	200.000	G	10NA	40	175	.010
LDA452	PS 890 A		AMP		30		.300	.360	A	150	A	200.000	G			70	
LDA453	PS 890 A		AMP		30		.300	.360	A	150	A	200.000	G			175	
LDS200	NS 890 A		AMP	30	15	4.5		.360	A	150	J	500.000	G	500NA	20	35	.010
LDS201	NS 890 A		AMP	30	15	4.5		.360	A	150	J	500.000	G	500NA	20	70	.010
LDS205	NS 890 A		AMP		6		.100	.360	A	150	A	600.000	G			50	
LDS206	NS 890 A		AMP		20		.030	.360	A	150	A	250.000	G			150	
LDS208	NS 890 A		AMP		30		.300	.360	A	150	A					45	
M5A	NS 605	3	SEJ	50	50	4.0	5.000	100.000	C	150	J	5.000	B			30	
M5B	NS 605	3	SEJ	100	100	4.0	5.000	100.000	C	150	J	5.000	B			30	
M5C	NS 605	3	SEJ	200	200	4.0	5.000	100.000	C	150	J	5.000	B			30	
M5D	NS 605	3	SEJ	300	300	4.0	5.000	100.000	C	150	J	5.000	B			30	
M10A	NS 605	3	SEJ	50	50	4.0	10.000	100.000	C	150	J	5.000	B			30	
M10B	NS 605	3	SEJ	100	100	4.0	10.000	100.000	C	150	J	5.000	B			30	
M10C	NS 605	3	SEJ	200	200	4.0	10.000	100.000	C	150	J	5.000	B			30	
M10D	NS 605	3	SEJ	300	300	4.0	10.000	100.000	C	150	J	5.000	B			30	
M8073B	PG 120	1	TOS	18		12.0	.100	.150	A	85	J	10.000	B	10μA	18		
M8073C	PG 120	1	TOS	18	18S	12.0	.100	.150	A	85	J	4.000	B	10μA	18	48	.024
M9010	NS 45	98	TOS	20		2.0	.050	.200	A	125	J	1200.000	G	500NA	20		
MA100	PG 210	5	MOT	60	60S	15.0	.500	.200	A	100	J	1.000	B	100μA	60	60	.010
MA112	PG 210	5	MOT	15	15	15.0	.200	.175	A	85	S			15μA	15	48	.001
MA113	PG 210	5	MOT	15	15	15.0	.200	.175	A	85	S			15μA	15	81	.001
MA114	PG 210	5	MOT	15	15	15.0	.200	.175	A	85	S			15μA	15	162	.001
MA115	PG 210	5	MOT	15	15	15.0	.200	.175	A	85	S			15μA	15	71	.001
MA116	PG 210	5	MOT	15	15	15.0	.200	.175	A	85	S			15μA	15	112	.001
MA117	PG 210	5	MOT	15	15	15.0	.200	.175	A	85	S			15μA	15	92	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond					
MA200	PG 210	5	MOT	105	105	10.0	.200	.150	A	100	J	1.000 B	50μA	105	40	.005
MA201	PG 210	5	MOT	105	105	10.0	.200	.150	A	100	J	1.000 B	50μA	105	40	.005
MA202	PG 210	5	MOT	105	105	20.0	.200	.150	A	100	J	1.000 B	50μA	105	80	.005
MA203	PG 210	5	MOT	105	105	20.0	.200	.150	A	100	J	1.000 B	50μA	105	80	.005
MA204	PG 210	5	MOT	90	90	20.0	.200	.150	A	100	J	1.000 B	50μA	90	40	.005
MA205	PG 210	5	MOT	75	75	20.0	.200	.150	A	100	J	1.000 B	50μA	75	40	.005
MA206	PG 210	5	MOT	60	60	10.0	.200	.150	A	100	J	9.000 B	50μA	60	40	.005
MA286	PG 210	5	MOT	10	10	15.0	.200	.175	A	85	S		600μA	10	24	.001
MA287	PG 210	5	MOT	10	10	15.0	.200	.175	A	85	S		600μA	10	92	.001
MA288	PG 210	5	MOT	10	10	15.0	.200	.175	A	85	S		600μA	10	270	.001
MA881	PG 210	5	MOT	60	60S	15.0	.500	.200	A	100	J	.750 B	100μA	60	48	.001
MA882	PG 210	5	MOT	60	60S	15.0	.500	.200	A	100	J	1.000 B	100μA	60	80	.001
MA883	PG 210	5	MOT	60	60S	15.0	.500	.200	A	100	J	1.250 B	100μA	60	160	.001
MA884	PG 210	5	MOT	60	60S	15.0	.500	.200	A	100	J	1.750 B	100μA	60	290	.001
MA885	PG 210	5	MOT	50	50S	15.0	.500	.200	A	100	J	.500 B	100μA	50	26	.001
MA886	PG 210	5	MOT	50	50S	15.0	.500	.200	A	100	J	.750 B	100μA	50	48	.001
MA887	PG 210	5	MOT	50	50S	15.0	.500	.200	A	100	J	1.000 B	100μA	50	80	.001
MA888	PG 210	5	MOT	50	50S	15.0	.500	.200	A	100	J	1.250 B	100μA	50	160	.001
MA889	PG 210	5	MOT	50	50S	15.0	.500	.200	A	100	J	1.750 B	100μA	50	290	.001
MA909	PG 210	5	MOT	75	75	35.0	.200	.150	A	100	J		50μA	75	40	.005
MA910	PG 210	5	MOT	90	90	45.0	.200	.150	A	100	J		50μA	90	40	.005
MA1702	PG 210	5	MOT	45	30R	30.0	.500	.200	A	100	J	7.000 B	10μA	30	400	.100
MA1703	PG 210	5	MOT	25	25R	25.0	.500	.200	A	100	J	3.000 B	15μA	25	190	.100
MA1704	PG 210	5	MOT	25	25R	25.0	.500	.200	A	100	J	5.000 B	15μA	25	250	.100
MA1705	PG 210	5	MOT	25	25R	25.0	.500	.200	A	100	J	6.000 B	15μA	25	400	.100
MA1706	PG 210	5	MOT	15	15R	4.5	.500	.200	A	100	J	3.000 B	15μA	15	190	.100
MA1707	PG 210	5	MOT	15	15R	4.5	.500	.200	A	100	J	4.000 B	15μA	15	250	.100
MA1708	PG 210	5	MOT	15	15R	4.5	.500	.200	A	100	J	5.000 B	15μA	15	400	.100
MCS2135	NS 935 A		MOT	75	60	6.0	.050	.150	A	125	J	100.000 G	10NA	50	180	.001
MCS2136	NS 935 A		MOT	75	60	6.0	.050	.150	A	125	J	100.000 G	10NA	50	430	.001
MCS2137	PS 935 A		MOT	60	60	5.0	.050	.150	A	125	J	100.000 G	20NA	50	180	.001
MCS2138	PS 935 A		MOT	60	60	5.0	.050	.150	A	125	J	100.000 G	20NA	50	430	.001
MD420	PG 217	12	SPR	20			.050	.060	A	125	J	100.000 G	10μA		10	
ME213	NS 211	18	AMP	45		5.0	.025	.300	A			100.000 G	100NA		50	.001
ME213A	NS 211	18	AMP	45		5.0		.300	A			100.000 G	100NA		50	.001
ME900	NS 210	18	AMP	40	20	5.0		.360	A	200	J	100.000 G	10NA	20	140	
ME900A	NS 210	18	AMP	40	20	5.0		.360	A	200	J	100.000 G	10NA	20	140	
ME901	NS 210	18	AMP	40	20	5.0		.360	A	200	J	100.000 G	10NA	20	350	
ME901A	NS 210	18	AMP	40	20	5.0		.360	A	200	J	100.000 G	10NA	20	350	
MF3304	PS 217	72	MOT	18	12	5.0		.300	A	200	J	700.000 G	10NA	9	60	.010
MHT1802	PG 405	36	MHR	80	60	30.0	65.000	170.000	C	110	J	.150 G	5MA	80	70	
MHT1803	PG 405	36	MHR	60	45	30.0	65.000	170.000	C	110	J	.150 G	5MA	60	70	
MHT1807	PG 405	36	MHR	40	30	20.0	65.000	170.000	C	110	J	.050 G	5MA	40	70	
MHT1808-1810			SEE SDT1808-1810													
MHT1902	PG 172 E		MHR	80	60	30.0	65.000	140.000	C	110	J	.150 G	5MA	80	70	
MHT1903	PG 172 E		MHR	60	45	30.0	65.000	140.000	C	110	J	.150 G	5MA	60	70	
MHT1904	PG 172 E		MHR	40	30	20.0	65.000	140.000	C	110	J	.150 G	5MA	40	70	
MHT1908-1910			SEE SDT1908-1910													
MHT2002	PG 571 A		MHR	80	60	3.0	65.000	140.000	C	110	J	.150 G	5MA	80	70	
MHT2003	PG 571 A		MHR	60	45	3.0	65.000	140.000	C	110	J	.150 G	5MA	60	70	
MHT2004	PG 571 A		MHR	40	30	2.0	65.000	140.000	C	110	J	.150 G	5MA	40	70	
MHT2008-2010			SEE SDT2008-2010													
MHT2101	PG 390 A		SOL	10	5		150.000	100.000	C	100	J	450.000 G			80	1.000
MHT2110	PG 390 A		SOL	10	5		150.000	100.000	C	100	J	450.000 G			80	1.000
MHT2111	PG 390 A		SOL	10	5		175.000	100.000	C	100	J	450.000 G			80	1.000
MHT2112	PG 390 A		SOL	10	5		200.000	100.000	C	100	J	450.000 G			80	1.000
MHT2150	PG 390 B		SOL	10	5		150.000	100.000	C	100	J	450.000 G			80	1.000
MHT2151	PG 390 B		SOL	10	5		175.000	100.000	C	100	J	450.000 G			80	1.000
MHT2152	PG 390 B		SOL	10	5		200.000	100.000	C	100	J	450.000 G			80	1.000
MHT2205	PG 176 E		SOL	10	5	5.0	50.000	140.000	C	110	J	.450 G	5MA	10	120	25.000
MHT2305	PG 403	68	SOL	10	5	5.0	65.000	170.000	C	110	J	.450 G	5MA	10	120	25.000
MHT4401	NS 211	5	MHR	60	60	5.0		.800	A	200	J	40.000 G	1μA	30	60	
MHT4402	NS 211	5	MHR	120	100	5.0		.800	A	200	J	40.000 G	1μA	60	60	
MHT4411	NS 211	5	MHR	60	40	5.0	.600	.800	A	200	J	50.000 G	1μA	30	40	
MHT4412	NS 211	5	MHR	60	40	5.0	.600	.800	A	200	J	50.000 G	1μA	30	80	
MHT4413	NS 211	5	MHR	60	40	5.0	.600	.800	A	200	J	50.000 G	1μA	30	160	
MHT4414	NS 211	5	MHR	80	60	5.0	.600	.800	A	200	J	50.000 G	1μA	30	40	
MHT4415	NS 211	5	MHR	80	60	5.0	.600	.800	A	200	J	50.000 G	1μA	30	80	
MHT4416	NS 211	5	MHR	80	60	5.0	.600	.800	A	200	J	50.000 G	1μA	30	160	
MHT4417	NS 211	5	MHR	120	80	5.0	.600	.800	A	200	J	50.000 G	1μA	30	40	
MHT4418	NS 211	5	MHR	120	80	5.0	.600	.800	A	200	J	50.000 G	1μA	30	80	
MHT4419	NS 211	5	MHR	120	80	5.0	.600	.800	A	200	J	50.000 G	1μA	30	160	
MHT4451-4483			SEE SDT4451-4483													
MHT4501	NS 490 A		MHR	60	40	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	40	
MHT4502	NS 490 A		MHR	120	50	5.0	.600	10.000	C	200	J	40.000 G	2μA	60	60	
MHT4503	NS 490 A		MHR	60	40	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	160	
MHT4514	NS 490 A		MHR	80	60	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	40	
MHT4515	NS 490 A		MHR	80	60	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	80	
MHT4516	NS 490 A		MHR	80	60	5.0	.600	10.000	C	200	J	50.000 G	1μA	30	160	
MHT4517	NS 490 A		MHR	120	80	5.0	.600	10.000	C	200	J	50.000 G	2μA	60	40	
MHT4518	NS 490 A		MHR	120	80	5.0	.600	10.000	C	200	J	50.000 G	2μA	60	80	
MHT4519	NS 490 A		MHR	120	80	5.0	.600	10.000	C	200	J	50.000 G	2μA	60	160	
MHT4551-4583			SEE SDT4551-4583													
MHT4611	NS 171	8	SOL	60	40	8.0		14.000	H	200	J	40.000 G	1μA	40	36	1.000
MHT4612	NS 171	8	SOL	80	60	8.0		14.000	H	200	J	40.000 G	1μA	40	36	1.000
MHT4613	NS 171	8	SOL	100	80	8.0		14.000	H	200	J	40.000 G	1μA	40	36	1.000
MHT4614	NS 171	8	SOL	60	40	8.0		14.000	H	200	J	60.000 G	1μA	60	70	1.000
MHT4615	NS 171	8	SOL	80	60	8.0		14.000	H	200	J	60.000 G	1μA	60	70	1.000
MHT4616	NS 171	8	SOL	100	80	8.0		14.000	H	200	J	60.000 G	1μA	60	70	1.000
MHT4617	NS 171	8	SOL	60	40	8.0		14.000	H	200	J	70.000 G	1μA	70	176	1.000
MHT4618	NS 171	8	SOL	80	60	8.0		14.000	H	200	J	70.000 G	1μA	70	176	1.000
MHT4619	NS 171	8	SOL	100	80	8.0		14.000	H	200	J	70.000 G	1μA	70	176	1.000
MHT5001-5015			SEE SDT5001-5015													
MHT5051-5056			SEE SDT5051-5056													
MHT5501-5515			SEE SDT5501-5515													
MHT5551-5556			SEE SDT5551-5556													
MHT5901-5915			SEE SDT5901-5915													
MHT5951-5956			SEE SDT5951-5956													
MHT6001-6031			SEE SDT6001-6031													
MHT6308-6316			SEE SDT6308-6316													
MHT6408-6416			SEE SDT6408-6416													
MHT7011-7019			SEE SDT7011-7019													
MHT7201-7209			SEE SDT7201-7209													
MHT7401-7419			SEE SDT7401-7419													
MHT7511	NS 171	8	SOL	60	40	5.0		20.000	H	200	J	40.000 G	1μA	60	36	5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
MHT7512	NS 171	8	SOL	80	60	5.0		20.000	H	200	J	40.000	G	1μA	60	36	5.000
MHT7513	NS 171	8	SOL	100	80	5.0		20.000	H	200	J	40.000	G	1μA	60	36	5.000
MHT7514	NS 171	8	SOL	60	40	5.0		20.000	H	200	J	50.000	G	1μA	60	70	5.000
MHT7515	NS 171	8	SOL	80	60	5.0		20.000	H	200	J	50.000	G	1μA	60	70	5.000
MHT7516	NS 171	8	SOL	100	80	5.0		20.000	H	200	J	50.000	G	1μA	60	70	5.000
MHT7517	NS 171	8	SOL	60	40	5.0		20.000	H	200	J	60.000	G	1μA	60	176	5.000
MHT7518	NS 171	8	SOL	80	60	5.0		20.000	H	200	J	60.000	G	1μA	60	176	5.000
MHT7519	NS 171	8	SOL	100	80	5.0		20.000	H	200	J	60.000	G	1μA	60	176	5.000
MHT7601-7612			SEE SDT7601-7612														
MHT7801-7809			SEE SDT7801-7809														
MHT7901-7910			SEE SDT7901-7910														
MHT8002-8071			SEE SDT8002-8071														
MHT8301-8304			SEE SDT8301-8304														
MHT9001-9012			SEE SDT9001-9012														
MJ400	NS 605	66	MOT	350	325	5.0	.250	6.670	C	175	J	15.000	G	1MA	325	110	.050
MJ413	NS 605	3	MOT	400	400	5.0	10.000	125.000	C	150	J	6.000	G	250μA	400	40	.500
MJ420	NS 211	5	MOT	275	250	6.0	.100	.800	A	175	J	30.000	G	100μA	275	90	.030
MJ421	NS 211	5	MOT	350	325	6.0	.100	.800	A	175	J	30.000	G	100μA	350	90	.030
MJ423	NS 605	3	MOT	400	400	5.0	10.000	125.000	C	150	J	5.000	G	250μA	400	52	1.000
MJ431	NS 605	3	MOT	400	400	5.0	10.000	125.000	C	150	J	4.000	G	3MA	400	24	2.500
MJ432	NS 605	3	MOT		400			125.000	C	200	J	2.500	G			24	2.500
MJ440	NS 210	5	MOT		40			6.000	C	200	J	3.000	G			63	.250
MJ450	PS 605	3	MOT		40			150.000	C	200	J	2.000	G			30	10.000
MJ480	NS 605	3	MOT		40			87.500	C	200	J	4.000	G			80	1.000
MJ481	NS 605	3	MOT		60			87.500	C	200	J	4.000	G			80	1.000
MJ490	PS 605	3	MOT		40			87.500	C	200	J	4.000	G			80	1.000
MJ491	PS 605	3	MOT		60			87.500	C	200	J	4.000	G			80	1.000
MJ500	PS 561	59	MOT	60	60	5.0	7.000	60.000	C	200	J	30.000	G	10μA	60	70	2.000
MJ501	PS 561	59	MOT	80	80	5.0	7.000	60.000	C	200	J	30.000	G	10μA	80	70	2.000
MJ802	NS 605	3	MOT	100	90	4.0	7.500	200.000	C	200	J	2.000	G	1MA	100	50	7.500
MJ920	PS 606 A		MOT	60	60	5.0	8.000	160.000	C	200	J	4.000	G			750	4.000
MJ921	PS 606 A		MOT	80	80	5.0	8.000	160.000	C	200	J	4.000	G			750	4.000
MJ1200	NS 606 A		MOT	60	60	5.0	8.000	160.000	C	200	J	4.000	G			750	4.000
MJ1201	NS 606 A		MOT	80	80	5.0	8.000	160.000	C	200	J	4.000	G			750	4.000
MJ1800	NS 605	3	MOT		500R	5.0	5.000	100.000	C	150	J			200μA	500	70	.400
MJ2249	NS 605	66	MOT	60	60	6.0	2.000	20.000	C	175	J	30.000	G	100μA	60	87	.030
MJ2250	NS 605	66	MOT	80	80	6.0	2.000	20.000	C	175	J	30.000	G	100μA	80	87	.030
MJ2251	NS 605	66	MOT		225	6.0	.500	10.000	C	150	J	10.000	G	100μA	225	76	.050
MJ2252	NS 605	66	MOT		300	6.0	.500	10.000	C	150	J	10.000	G	100μA	300	76	.050
MJ2253	PS 605	66	MOT	70	60	7.0	4.000	25.000	C	200	J	3.000	G	1MA	70	46	.250
MJ2254	PS 605	66	MOT	90	80	7.0	4.000	25.000	C	200	J	3.000	G	1MA	90	46	.250
MJ2267	PS 605	3	MOT	40	40	7.0	10.000	150.000	C	200	J	3.000	G	1MA	40	32	3.000
MJ2268	PS 605	3	MOT	55	55	7.0	10.000	150.000	C	200	J	3.000	G	1MA	60	32	3.000
MJ2801	NS 605	3	MOT	50	40	7.0	15.000	115.000	C	200	J	1.000	G	5MA	50	30	8.000
MJ2840	NS 605	3	MOT	60	60	4.0	10.000	150.000	C	200	J			100μA	60	45	3.000
MJ2841	NS 605	3	MOT	80	80	4.0	10.000	150.000	C	200	J			100μA	80	45	4.000
MJ2901	PS 605	3	MOT	50	40	7.0	15.000	115.000	C	200	J	1.000	G	5MA	50	30	8.000
MJ2940	PS 605	3	MOT	60	60	4.0	10.000	150.000	C	200	J			100μA	60	45	3.000
MJ2941	PS 605	3	MOT	80	80	4.0	10.000	150.000	C	200	J			100μA	80	45	4.000
MJ3029	NS 605	3	MOT		500R	8.0	3.500	125.000	C	150	J	AUD		1MA	500	6	3.000
MJ3030	NS 605	3	MOT		700X	5.0	3.500	125.000	C	150	J	AUD		2MA	700	45	.400
MJ3040	NS 605	3	MOT	400	300	5.0	7.000	100.000	C	150	J			1MA	400	100	2.500
MJ3041	NS 605	3	MOT	400	300	5.0	7.000	100.000	C	150	J			1MA	400	250	2.500
MJ3042	NS 605	3	MOT	500	350	5.0	7.000	100.000	C	150	J			1MA	500	250	2.500
MJ3101	NS 605	66	MOT	50	40	6.0	2.000	20.000	C	175	J	30.000	G	100μA	50	87	.030
MJ3201	NS 605	66	MOT	225	225	3.0	.100	15.000	C	175	J	15.000	G	100μA	225	80	.050
MJ3202	NS 605	66	MOT	300	300	3.0	.100	15.000	C	175	J	15.000	G	100μA	300	80	.050
MJ3260	NS 605	3	MOT	700	250	5.0	6.000	80.000	C	150	J	7.500	G			22	3.000
MJ3520	NS 605	3	MOT	40	40	5.0	15.000	150.000	C	150	J	.200	G			200	7.500
MJ3521	NS 605	3	MOT	100	80	5.0	15.000	150.000	C	150	J	.200	G			200	7.500
MJ3701	PS 605	66	MOT	50	40	5.0	4.000	25.000	C	200	J	3.000	G	1MA	50	46	.250
MJ3771	NS 605	3	MOT	50	40	5.0	30.000	150.000	C	200	J	2.000	G	2MA	50	30	15.000
MJ3772	NS 605	3	MOT	100	60	7.0	20.000	150.000	C	200	J	2.000	G	5MA	100	30	10.000
MJ4200	NS 606 A		MOT	60	60	5.0	4.000	85.000	C	200	J	4.000	G			500	2.000
MJ4201	NS 606 A		MOT	80	80	5.0	4.000	85.000	C	200	J	4.000	G			500	2.000
MJ4210	PS 606 A		MOT	60	60	5.0	4.000	85.000	C	200	J	4.000	G			500	2.000
MJ4211	PS 606 A		MOT	80	80	5.0	4.000	85.000	C	200	J	4.000	G			500	2.000
MJ4502	PS 605	3	MOT	100	90	4.0	30.000	200.000	C	200	J	2.000	G	1MA	100	50	7.500
MJ6700	PS 560	59	MOT	60	60	5.0	7.000	60.000	C	200	J	30.000	G	10μA	60	70	2.000
MJ6701	PS 560	59	MOT	80	80	5.0	7.000	60.000	C	200	J	30.000	G	10μA	80	70	2.000
MJ7000	NS 561	63	MOT	100	100	7.0	30.000	150.000	C	200	J	30.000	G	5μA	100	45	10.000
MJ7200	NS 563	114	MOT	100	80	6.0	60.000	300.000	C	200	J	20.000	G	100μA	100	45	20.000
MJ7201	NS 563	114	MOT	120	100	6.0	60.000	300.000	C	200	J	20.000	G	100μA	120	45	20.000
MJ8100	PS 210	39	MOT	60	80	5.0	5.000	10.000	C	200	J	30.000	G	10μA	60	70	2.000
MJ8101	PS 210	39	MOT	60	80	5.0	5.000	10.000	C	200	J	30.000	G	10μA	80	70	2.000
MJ9000	NS 605	3	MOT		700S	5.0	10.000	125.000	C	150	J			1MA	700		
MJE105	PS 48 B		MOT	50	50	4.0	5.000	65.000	C	150	J	AUD		100μA	50	50	2.000
MJE170	PS 48 A		MOT	60	40	7.0	3.000	1.500	C	150	J	50.000	G	100NA	60	45	.750
MJE171	PS 48 A		MOT	80	60	7.0	3.000	1.500	C	150	J	50.000	G	100NA	80	45	.750
MJE172	PS 48 A		MOT	100	80	7.0	3.000	1.500	C	150	J	50.000	G	100NA	100	45	.750
MJE180	NS 48 A		MOT	60	40	7.0	3.000	1.500	C	150	J	50.000	G	100NA	60	70	.750
MJE181	NS 48 A		MOT	80	60	7.0	3.000	1.500	C	150	J	50.000	G	100NA	80	70	.750
MJE182	NS 48 A		MOT	100	80	7.0	3.000	1.500	C	150	J	50.000	G	100NA	100	70	.750
MJE200	NS 48 A		MOT	40	25	8.0	5.000	15.000	C	150	J	65.000	G	100NA	40	90	2.500
MJE205	NS 48 B		MOT	50	50	4.0	5.000	65.000	C	150	J	AUD		100μA	50	50	2.000
MJE210	PS 48 A		MOT	40	25	8.0	5.000	15.000	C	150	J	65.000	G	100NA	40	50	2.500
MJE220	NS 48 A		MOT	60	40	7.0	4.000	15.000	C	150	J	50.000	G	100NA	60	20	2.000
MJE221	NS 48 A		MOT	60	40	7.0	4.000	15.000	C	150	J	50.000	G	100NA	60	20	2.000
MJE222	NS 48 A		MOT	60	40	7.0	4.000	15.000	C	150	J	50.000	G	100NA	60	10	2.000
MJE223	NS 48 A		MOT	80	60	7.0	4.000	15.000	C	150	J	50.000	G	100NA	80	20	2.000
MJE224	NS 48 A		MOT	80	60	7.0	4.000	15.000	C	150	J	50.000	G	100NA	80	20	2.000
MJE225	NS 48 A		MOT	80	60	7.0	4.000	15.000	C	150	J	50.000	G	100NA	80	10	2.000
MJE230	PS 48 A		MOT	60	40	7.0	4.000	15.000	C	150	J	50.000	G	100NA	60	20	2.000
MJE231	PS 48 A		MOT	60	40	7.0	4.000	15.000	C	150	J	50.000	G	100NA	60	20	2.000
MJE232	PS 48 A		MOT	60	40	7.0	4.000	15.000	C	150	J	50.000	G	100NA	60	10	2.000
MJE233	PS 48 A		MOT	80	60	7.0	4.000	15.000	C	150	J	50.000	G	100NA	80	20	2.000
MJE234	PS 48 A		MOT	80	60	7.0	4.000	15.000	C	150	J	50.000	G	100NA	80	20	2.000
MJE235	PS 48 A		MOT	80	60	7.0	4.000	15.000	C	150	J	50.000	G	100NA	80	10	2.000
MJE240	NS 48 A		MOT		80		4.000	15.000	C	150	J	40.000	G	100NA	80	40	.200
MJE241	NS 48 A		MOT		80		4.000	15.000	C	150	J	40.000	G	100NA	80	40	.200
MJE242	NS 48 A		MOT		80		4.000	15.000	C	150	J	40.000	G	100NA	80	25	.200
MJE243	NS 48 A		MOT		100		4.000	15.000	C	150	J	40.000	G	100NA	100	40	.200
MJE244	NS 48 A		MOT		100		4.000	15.000	C	150	J	40.000	G	100NA	100	25	.200
MJE250	PS 48 A		MOT		80		4.000	15.000	C	150	J	40.000	G	100NA	80	40	.200
MJE251	PS 48 A		MOT		80		4.000	15.000	C	150	J	40.000	G	100NA	80	40	.200

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
MJE252	PS 48 A		MOT		80		4.000	15.000	C	150	J	40.000	G	100NA	80	25	.200
MJE253	PS 48 A		MOT		100		4.000	15.000	C	150	J	40.000	G	100NA	100	40	.200
MJE254	PS 48 A		MOT		100		4.000	15.000	C	150	J	40.000	G	100NA	100	25	.200
MJE340	NS 48 A		MOT		300	3.0	.500	20.800	C	150	J	AUD		100µA	300	90	.050
MJE341	NS 48 A		MOT	175	150	3.0	.500	20.800	C	150	J			300µA	175	75	.050
MJE344	NS 48 A		MOT	200	200	5.0	.500	20.800	C	150	J			100µA	200	80	.050
MJE350	PS 48 A		MOT		300	3.0	.500	20.000	C	150	J			100µA	300	20	.250
MJE370	PS 48 A		MOT	30	30	4.0	3.000	25.000	C	150	J	AUD		100µA	30	38	1.000
MJE371	PS 48 A		MOT	40	40	4.0	3.000	40.000	C	150	J	AUD		100µA	40	60	1.000
MJE520	NS 48 A		MOT	30	30	4.0	3.000	25.000	C	150	J	AUD		100µA	30	38	1.000
MJE521	NS 48 A		MOT	40	40	4.0	3.000	40.000	C	150	J	AUD		100µA	40	60	.100
MJE700	PS 48 A		MOT	60	60	5.0	4.000	40.000	C	150	J			200µA	60	750	1.500
MJE701	PS 48 A		MOT	60	60	5.0	4.000	40.000	C	150	J			200µA	60	750	2.000
MJE702	PS 48 A		MOT	80	80	5.0	4.000	40.000	C	150	J			200µA	80	750	1.500
MJE703	PS 48 A		MOT	80	80	5.0	4.000	40.000	C	150	J			200µA	80	750	2.000
MJE800	NS 48 A		MOT	60	60	5.0	4.000	40.000	C	150	J			200µA	60	750	1.500
MJE801	NS 48 A		MOT	60	60	5.0	4.000	40.000	C	150	J			200µA	60	750	2.000
MJE802	NS 48 A		MOT	80	80	5.0	4.000	40.000	C	150	J			200µA	80	750	1.500
MJE803	NS 48 A		MOT	80	80	5.0	4.000	40.000	C	150	J			200µA	80	750	2.000
MJE1090	PS 48 B		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE1091	PS 48 B		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE1092	PS 48 B		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE1093	PS 48 B		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE1100	NS 48 B		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE1101	NS 48 B		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE1102	NS 48 B		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE1103	NS 48 B		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE1290	PS 48 B		MOT	40	40	5.0	15.000	90.000	C	150	J	3.000	G	700µA	40	45	5.000
MJE1291	PS 48 B		MOT	60	60	5.0	15.000	90.000	C	150	J	3.000	G	700µA	60	45	5.000
MJE1660	NS 48 B		MOT	40	40	5.0	15.000	90.000	C	150	J	3.000	G	700µA	40	45	5.000
MJE1661	NS 48 B		MOT	60	60	5.0	15.000	90.000	C	150	J	3.000	G	700µA	60	45	5.000
MJE2010	PS 58 B		MOT	40	40	5.0	5.000	80.000	C	150	J	3.000	G	400µA	40	56	1.000
MJE2011	PS 58 B		MOT	60	60	5.0	5.000	80.000	C	150	J	3.000	G	400µA	60	56	1.000
MJE2020	NS 58 B		MOT	40	40	5.0	5.000	80.000	C	150	J	3.000	G	400µA	40	56	1.000
MJE2021	NS 58 B		MOT	60	60	5.0	5.000	80.000	C	150	J	3.000	G	400µA	60	56	1.000
MJE2090	PS 44 A		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE2091	PS 44 A		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE2092	PS 44 A		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE2093	PS 44 A		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE2100	NS 44 A		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE2101	NS 44 A		MOT	60	60	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE2102	NS 44 A		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	3.000
MJE2103	NS 44 A		MOT	80	80	5.0	5.000	70.000	C	150	J	1.000	G			750	4.000
MJE2160	NS 48 B		MOT		300	5.0	1.500	50.000	C	150	J			100µA	300	30	.500
MJE2360	NS 58 B		MOT	375	350	6.0	.500	30.000	C	150	J	10.000	G	100µA	375	75	.050
MJE2361	NS 58 B		MOT	375	350	6.0	.500	30.000	C	150	J	10.000	G	100µA	375	112	.050
MJE2370	PS 58 B		MOT	40	40	5.0	3.000	40.000	C	150	J	3.000	G	300µA	30	90	.200
MJE2371	PS 58 B		MOT	60	60	5.0	3.000	40.000	C	150	J	3.000	G	300µA	30	90	.200
MJE2480	NS 58 B		MOT	40	40	5.0	4.000	60.000	C	150	J	2.000	G	100µA	40	45	1.500
MJE2481	NS 58 B		MOT	60	60	5.0	4.000	60.000	C	150	J	2.000	G	100µA	60	45	1.500
MJE2482	NS 58 B		MOT	40	40	5.0	4.000	60.000	C	150	J	2.000	G	100µA	40	45	2.500
MJE2483	NS 58 B		MOT	60	60	5.0	4.000	60.000	C	150	J	2.000	G	100µA	60	45	2.500
MJE2490	PS 58 B		MOT	40	40	5.0	3.000	60.000	C	150	J	3.000	G	300µA	30	45	1.000
MJE2491	PS 58 B		MOT	60	60	5.0	3.000	60.000	C	150	J	3.000	G	300µA	30	45	1.000
MJE2520	NS 58 B		MOT	40	40	5.0	3.000	40.000	C	150	J	3.000	G	200µA	40	90	.200
MJE2521	NS 58 B		MOT	60	60	5.0	3.000	40.000	C	150	J	3.000	G	200µA	60	90	.200
MJE2522	NS 58 B		MOT	40	40	5.0	3.000	40.000	C	150	J	3.000	G	200µA	40	45	.200
MJE2523	NS 58 B		MOT	60	60	5.0	3.000	40.000	C	150	J	3.000	G	200µA	60	45	.200
MJE2801	NS 48 B		MOT	60	60	4.0	10.000	90.000	C	150	J	AUD		100µA	60	50	3.000
MJE2901	PS 48 B		MOT	60	60	4.0	10.000	90.000	C	150	J	AUD		100µA	60	50	3.000
MJE2955	PS 48 B		MOT	70	60	5.0	10.000	90.000	C	150	J	2.000	G	1MA	70	38	4.000
MJE3054	NS 58 B		MOT	90	55	5.0	4.000	40.000	C	150	J	.030	E	500µA	30	45	.500
MJE3055	NS 48 B		MOT	70	60	5.0	10.000	90.000	C	150	J	2.000	G	1MA	70	37	4.000
MJE3738	NS 58 B		MOT	250	325	6.0	.500	30.000	C	150	J	10.000	G	100µA	250	90	.100
MJE3739	NS 58 B		MOT	225	300	6.0	.500	30.000	C	150	J	10.000	G	100µA	325	90	.100
MJE3740	PS 58 B		MOT	60	60	5.0	4.000	40.000	C	150	J	4.000	G	100µA	60	55	.250
MJE3741	PS 58 B		MOT	80	80	5.0	4.000	40.000	C	150	J	4.000	G	100µA	80	55	.250
MM380	PG 211	18	MOT	25	10	.3		.250	A	100	J	400.000	G	10µA	10	50	.003
MM404	PG 210	18	MOT	25	24S	1.2	.150	.150	A	100	J			800NA	12	90	.024
MM404A	PG 210	18	MOT	40	35S	2.5	.150	.150	A	100	J			800NA	12	90	.024
MM709	NS 211	52	MOT	15	8	4.0	.100	.400	A	200	J	300.000	G	15NA	5	45	.010
MM1139	PG 217	72	MOT	30	15	.3		.125	A	100	J	400.000	G	8µA	20	24	.002
MM1500	NS 120 H		MOT	30	15	4.0	.200	3.500	C	200	J	1500.000	G	100NA	20		
MM1501	NS 120 H		MOT	30	15	4.0	.200	3.500	C	200	J	1000.000	G	100NA	20		
MM1549			SEE RF POWER SECTION														
MM1550			SEE RF POWER SECTION														
MM1551			SEE RF POWER SECTION														
MM1557			SEE RF POWER SECTION														
MM1558			SEE RF POWER SECTION														
MM1559			SEE RF POWER SECTION														
MM1601			SEE 2N5589														
MM1602			SEE 2N5590														
MM1603			SEE RF POWER SECTION														
MM1619			SEE RF POWER SECTION														
MM1620			SEE RF POWER SECTION														
MM1748	NS 211	52	MOT	15	6	4.0	.100	.300	A	200	J	600.000	G	50NA	5	50	.010
MM1803	NS 211	5	MOT	50	25	5.0	.150	2.000	C	200	J	500.000	G	50NA	20	84	.050
MM1812	NS 211	5	MOT	175	175	4.0	.100	5.000	C	200	J	.050	G	100µA	50	85	.010
MM1893	NS 210	39	MOT	120	80	7.0	1.000	5.000	C	200	J	50.000	G	10NA	90	40	.150
MM1941	NS 210	18	MOT	30	30S	3.0	.200	.300	A	175	J	600.000	G	100NA	15	50	.010
MM1943	NS 210	18	MOT	40	40S	3.0	.200	.300	A	175	J	500.000	G	100NA	15	50	.010
MM2193A	NS 210	39	MOT	80	50	8.0	1.000	5.000	C	200	J	50.000	G	10NA	60	20	.500
MM2258	NS 211	5	MOT	120	120	5.0	.500	1.000	A	200	J	150.000	G	50NA	75	100	.010
MM2259	NS 211	5	MOT	175	175	5.0	.300	1.000	A	200	J	150.000	G	50NA	75	70	.010
MM2260	NS 211	5	MOT	175	175	5.0	.300	1.000	A	200	J	150.000	G	50NA	75	100	.010
MM2264	NS 211	5	MOT		25		1.500	1.100	A	200	J	50.000	G	500NA	25	140	.150
MM2270	NS 210	39	MOT	60	45	7.0	1.000	5.000	C	200	J	100.000	G	50NA	60	50	.150
MM2483	NS 211	18	MOT	60	60	6.0	.050	.360	A	200	J	600.000	G	10NA	45	70	.001
MM2484	NS 211	18	MOT	60	60	6.0	.050	.360	A	200	J	600.000	G	10NA	45	225	.001
MM2894	PS 211	18	MOT	15	12	4.5		.360	A	200	J	400.000	G	80NA	6	70	.030
MM2894A	PS 211	18	MOT	12	12	4.5	.200	1.200	C	200	J	800.000	G	10NA	10	40	.030
MM3000	NS 210	39	MOT		100	5.0	.400	1.000	A	200	J	150.000	G	1µA	50	30	.010
MM3001	NS 210	39	MOT		150	5.0	.400	1.000	A	200	J	150.000	G	1µA	75	30	.010
MM3002	NS 210	39	MOT		200	5.0	.400	1.000	A	200	J	150.000	G	5µA	100	30	.010
MM3003	NS 210	39	MOT		250	5.0	.400	1.000	A	200	J	150.000	G	5µA	100	30	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
MM3005	NS 211	39	MOT	80	60	5.0	2.500	8.000	C	200	J	50.000	G	100NA	60	50	.250
MM3006	NS 211	39	MOT	100	80	5.0	2.500	8.000	C	100	J	50.000	G	100NA	80	50	.250
MM3007	NS 211	39	MOT	120	100	5.0	2.500	8.000	C	200	J	50.000	G	100NA	100	50	.250
MM3008	NS 210	39	MOT		120	6.0	.400	1.000	A	200	J	50.000	G	100NA	120	60	.010
MM3009	NS 210	39	MOT		180	6.0	.400	1.000	A	200	J	50.000	G	100NA	180	60	.010
MM3019	NS 210	39	MOT	140	80	7.0	1.000	5.000	C	200	J	80.000	G	10NA	90	50	.500
MM3020	NS 210	39	MOT	140	80	7.0	1.000	5.000	C	200	J	80.000	G	10NA	90	30	.500
MM3053	NS 210	39	MOT	80	50	6.0	1.000	5.000	C	200	J	100.000	G	100NA	50	40	.150
MM3724	NS 211	5	MOT	40	30	6.0	1.500	1.000	A	200	J	200.000	G	500NA	40	62	.500
MM3725	NS 211	5	MOT		50	6.0	1.500	1.000	A	200	J	200.000	G	500NA	40	62	.500
MM3726	PS 211	5	MOT		50	5.0	1.500	1.000	A	200	J	200.000	G	100NA	40	60	.500
MM3736	NS 211	46	MOT	50	30	5.0	1.500	.500	A	200	J	200.000	G			30	1.000
MM3737	NS 211	46	MOT	75	50	50.0	1.500	.500	A	200	J	200.000	G			20	1.000
MM3903	NS 210	52	MOT	60	40	6.0	.200	.360	A	200	J	250.000	G	50NA	30	88	.010
MM3904	NS 210	52	MOT	60	40	6.0	.200	.360	A	200	J	300.000	G	50NA	30	175	.010
MM3905	PS 210	52	MOT	40	40	5.0	.200	.360	A	200	J	200.000	G	50NA	30	88	.010
MM3906	PS 210	52	MOT	40	40	5.0	.200	.360	A	200	J	250.000	G	50NA	30	175	.010
MM4000	PS 211	39	MOT	100	100	4.0	.100	.600	A	200	J			1μA	50	30	.010
MM4001	PS 211	39	MOT	150	150	4.0	.500	1.000	A	200	J			1μA	75	30	.010
MM4002	PS 211	39	MOT	200	200	4.0	.500	1.000	A	200	J			1μA	100	30	.010
MM4003	PS 211	39	MOT	250	250	4.0	.500	1.000	A	200	J			5μA	100	30	.010
MM4018			SEE RF POWER SECTION														
MM4019			SEE RF POWER SECTION														
MM4020			SEE RF POWER SECTION														
MM4021			SEE RF POWER SECTION														
MM4022			SEE RF POWER SECTION														
MM4023			SEE RF POWER SECTION														
MM4048	PS 211	18	MOT	45	45	5.0	.050	.360	A	200	J	100.000	G	10NA	30	260	.001
MM4052	PS 210	46	MOT	30	30	30.0	.500	.500	A	200	J	12.000	G	1NA	15	23	.150
MM4261H	PS 217	72	MOT	15	15	4.5	.030	.200	A	200	J	1500.000	G	5NA	10	68	.010
MM4429			SEE RF POWER SECTION														
MM4430			SEE RF POWER SECTION														
MM4545	PS 631	37	MOT	200	200	5.0	2.500	25.000	C	200	J	40.000	G	10μA	200	30	.500
MM4546	PS 631	37	MOT	300	300	5.0	2.500	25.000	C	200	J	40.000	G	10μA	200	30	.500
MM4547	PS 631	37	MOT	400	400	5.0	2.500	25.000	C	200	J	30.000	G	10μA	200	30	.500
MM4645	PS 211	39	MOT	200	200	5.0	2.500	5.000	C	200	J	40.000	G	10μA	200	30	.500
MM4646	PS 211	39	MOT	300	300	5.0	2.500	5.000	C	200	J	40.000	G	10μA	200	30	.500
MM4647	PS 211	39	MOT	400	400	5.0	2.500	5.000	C	200	J	30.000	G	10μA	200	30	.500
MM5000	PG 217	72	MOT	30	15	.3	.010	.150	A	100	J	800.000	G			60	.003
MM5001	PG 217	72	MOT	30	15	.3	.010	.150	A	100	J	800.000	G			60	.003
MM5002	PG 217	72	MOT	30	15	.3	.010	.150	A	100	J	800.000	G			60	.003
MM8000	NS 210	39	MOT	40	30	3.5	.400	3.500	C	200	J	1000.000	G	20μA	28	45	.050
MM8001	NS 210	39	MOT	40	30	3.5	.400	3.500	C	200	J	1000.000	G	20μA	28	45	.050
MM8002	NS 210	39	MOT	40	30	3.5	.400	3.500	C	200	J	1000.000	G	20μA	28	45	.050
MM8003	NS 962 C		MOT	40	30	3.5	.400	5.000	C	200	J	1000.000	G	20μA	28	45	.050
MM8006	NS 217	72	MOT	15	10	3.0	.020	.200	A	200	J	1000.000	G	10NA	6	38	.001
MM8007	NS 217	72	MOT	15	10	3.0	.020	.200	A	200	J	1000.000	G	10NA	6	38	.001
MM8008	NS 120	107	MOT	35	30	3.0	.100	3.500	C	200	J	1100.000	G	100μA	20		
MM8009	NS 210	39	MOT	55	50	3.0	.400	3.500	C	200	J	1000.000	G	100μA	15		
MM8010	NS 120	107	MOT	35	30	3.0	.100	3.500	C	200	J	1100.000	G	100μA	20		
MM8011	NS 120	107	MOT	35	30	3.0	.100	3.500	C	200	J	1100.000	G	100μA	20		
MM8012			SEE RF POWER SECTION														
MMT73	PS 916 A		MOT		8	4.0	.200	.225	A	135	J	400.000	G	100NA	3	45	.010
MMT918	NS 916 A		MOT	30	15	3.0	.050	.225	A	135	J	600.000	G	10NA	15	30	.003
MMT930	NS 916 A		MOT	60	45	6.0	.050	.225	A	135	J	600.000	G	10NA	45	225	.001
MMT2222	NS 916 A		MOT	60	30	5.0		.225	A	135	J	200.000	G	50NA	50	175	.150
MMT2369	NS 916 A		MOT	40	15	4.5	.200	.225	A	135	J	500.000	G	100NA	20	70	.010
MMT2484	NS 916 A		MOT	60	60	6.0	.050	.225	A	135	J	600.000	G	10NA	45	375	.001
MMT2857	NS 916 A		MOT	30	15	3.0	.040	.225	A	135	J	1000.000	G	50NA	15	45	.030
MMT2907	PS 916 A		MOT	60	40	5.0	.600	.225	A	135	J	200.000	G	50NA	50	175	.150
MMT3014	NS 916 A		MOT	40	20	5.0	.200	.225	A	135	J	350.000	G	100NA	20	100	.030
MMT3546	PS 916 A		MOT	15	12	4.5	.250	.225	A	135	J	700.000	G	100NA	10	45	.010
MMT3798	PS 916 A		MOT	60	60	3.0	.050	.225	A	135	J	40.000	G	50NA	50	260	.001
MMT3799	PS 916 A		MOT	60	60	3.0	.050	.225	A	135	J	40.000	G	50NA	50	525	.001
MMT3903	NS 916 A		MOT	60	40	6.0	.200	.225	A	135	J	250.000	G	50NA	40	88	.010
MMT3904	NS 916 A		MOT	60	40	6.0	.200	.225	A	135	J	300.000	G	50NA	40	176	.010
MMT3905	PS 916 A		MOT	40	40	5.0	.200	.225	A	135	J	200.000	G	50NA	30	88	.010
MMT3906	PS 916 A		MOT	40	40	5.0	.200	.225	A	135	J	250.000	G	50NA	30	176	.010
MMT3960A	NS 916 A		MOT	15	8	3.0		.225	A	135	J	1600.000	G	50NA	10	80	.010
MMT8015	NS 916 A		MOT	15	10	3.0	.015	.200	A	135	J	1000.000	G	1NA	6	100	.001
MN21			SEE 2N375														
MN24			SEE 2N350														
MN25			SEE 2N351														
MN26			SEE 2N376														
MN29			SEE 2N555														
MN48			SEE 2N669														
MN49			SEE 2N618														
MN61A			SEE 2N627														
MN62A			SEE 2N628														
MN63A			SEE 2N629														
MN64A			SEE 2N630														
MP110	PG 605	3	MOT		65X		7.000	106.000	C	110	J	.320	G	2MA	40	136	1.000
MP110B-BLU	PG 605	3	MOT	90	40	2.0	25.000	106.000	C	110	J	.500	G	20MA	90	225	1.000
MP110B-GRN	PG 605	3	MOT	90	40	2.0	25.000	106.000	C	110	J	.500	G	20MA	90	150	1.000
MP110B-RED	PG 605	3	MOT	90	40	2.0	25.000	106.000	C	110	J	.500	G	20MA	90	95	1.000
MP500	PG 405	36	MOT	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	46	9.999
MP500A	PG 405	36	MOT	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	46	9.999
MP501	PG 405	36	MOT	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	46	9.999
MP501A	PG 405	36	MOT	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	46	9.999
MP502	PG 405	36	MOT	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	46	9.999
MP502A	PG 405	36	MOT	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	46	9.999
MP504	PG 405	36	MOT	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	62	9.999
MP504A	PG 405	36	MOT	45	30	25.0	60.000	170.000	C	110	J	.002	E	4MA	45	62	9.999
MP505	PG 405	36	MOT	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	62	9.999
MP505A	PG 405	36	MOT	60	45	30.0	60.000	170.000	C	110	J	.002	E	4MA	60	62	9.999
MP506	PG 405	36	MOT	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	62	9.999
MP506A	PG 405	36	MOT	75	60	40.0	60.000	170.000	C	110	J	.002	E	4MA	75	62	9.999
MP525-1	PG 605	3	MOT		60		7.000	106.000	C	110	J	AUD		200μA	2	38	3.000
MP525-2	PG 605	3	MOT		60		7.000	106.000	C	110	J	AUD		200μA	2	50	3.000
MP525-3	PG 605	3	MOT		60		7.000	106.000	C	110	J	AUD		200μA	2	58	3.000
MP525-4	PG 605	3	MOT		60		7.000	106.000	C	110	J	AUD		200μA	2	76	3.000
MP525-5	PG 605	3	MOT		60		7.000	106.000	C	110	J	AUD		200μA	2	100	3.000
MP525-6	PG 605	3	MOT		60X		7.000	106.000	C	110	J	AUD		200μA	2	126	3.000
MP600	PG 605	3	MOT	75	50	1.5	25.000	85.000	C	110	J	LS SW		10MA	75	75	5.000
MP601	PG 605	3	MOT	75	60	1.5	25.000	85.000	C	110	J	LS SW		10MA	75	75	5.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response	COND	Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)		
MP602	PG 605	3	MOT	90	70	1.5	25.000	85.000	C	110	J	LS SW		10MA	90	75	5.000	
MP603	PG 605	3	MOT	90	80	1.5	25.000	85.000	C	110	J	LS SW		10MA	90	75	5.000	
MP1529	PG 607	41	MOT,KSC	40	20	20.0	5.000	90.000	C	100	J	.010	E	2MA	25	30		
MP1529A	PG 607	41	MOT,KSC	40	20	20.0	5.000	106.000	C	110	J	.004	E	2MA	25	30	3.000	
MP1530	PG 607	41	MOT,KSC	60	30	30.0	5.000	90.000	C	100	J	.010	E	2MA	40	30		
MP1530A	PG 607	41	MOT,KSC	60	30	30.0	5.000	106.000	C	110	J	.004	E	2MA	40	30	3.000	
MP1531	PG 607	41	MOT,KSC	80	40	40.0	5.000	90.000	C	100	J	.010	E	2MA	55	30		
MP1531A	PG 607	41	MOT,KSC	80	40	40.0	5.000	106.000	C	110	J	.004	E	2MA	55	30	3.000	
MP1532	PG 607	41	MOT,KSC	100	50	50.0	5.000	90.000	C	100	J	.010	E	2MA	65	30		
MP1532A	PG 607	41	MOT,KSC	100	50	50.0	5.000	106.000	C	110	J	.004	E	2MA	65	30	3.000	
MP1533	PG 607	41	MOT,KSC	120	60	60.0	5.000	90.000	C	100	J	.010	E	2MA	80	30		
MP1534	PG 607	41	MOT,KSC	40	20	20.0	5.000	90.000	C	100	J	.008	E	2MA	25	52		
MP1534A	PG 607	41	MOT,KSC	40	20	20.0	5.000	106.000	C	110	J	.004	E	2MA	25	52	3.000	
MP1535	PG 607	41	MOT,KSC	60	30	30.0	5.000	90.000	C	100	J	.008	E	2MA	40	52		
MP1535A	PG 607	41	MOT,KSC	60	30	30.0	5.000	106.000	C	110	J	.004	E	2MA	40	52	3.000	
MP1536	PG 607	41	MOT,KSC	80	40	40.0	5.000	90.000	C	100	J	.008	E	2MA	55	52		
MP1536A	PG 607	41	MOT,KSC	80	40	40.0	5.000	106.000	C	110	J	.004	E	2MA	55	52	3.000	
MP1537	PG 607	41	MOT,KSC	100	50	50.0	5.000	90.000	C	100	J	.008	E	2MA	65	52		
MP1537A	PG 607	41	MOT,KSC	100	50	50.0	5.000	106.000	C	110	J	.004	E	2MA	65	52	3.000	
MP1538	PG 607	41	MOT,KSC	120	60	60.0	5.000	90.000	C	100	J	.008	E	2MA	80	52		
MP1539A	PG 607	41	MOT,KSC	40	20	20.0	5.000	90.000	C	100	J	.004	E	2MA	25	74	3.000	
MP1540A	PG 607	41	MOT,KSC	60	30	30.0	5.000	90.000	C	100	J	.004	E	2MA	40	74	3.000	
MP1541A	PG 607	41	MOT,KSC	80	40	40.0	5.000	90.000	C	100	J	.004	E	2MA	55	74	3.000	
MP1542A	PG 607	41	MOT,KSC	100	50	50.0	5.000	90.000	C	100	J	.004	E	2MA	65	74	3.000	
MP1543	PG 607	41	MOT,KSC	120	60	12.0	5.000	90.000	C	100	J	.150	G	2MA	80	75		
MP1544A	PG 607	41	MOT,KSC	40	20	20.0	5.000	90.000	C	100	J	.004	E	2MA	25	100	3.000	
MP1545A	PG 607	41	MOT,KSC	60	30	30.0	5.000	90.000	C	100	J	.004	E	2MA	40	100	3.000	
MP1546A	PG 607	41	MOT,KSC	80	40	40.0	5.000	90.000	C	100	J	.004	E	2MA	55	100	3.000	
MP1547A	PG 607	41	MOT,KSC	100	50	50.0	5.000	90.000	C	100	J	.004	E	2MA	65	100	3.000	
MP1548	PG 607	41	MOT,KSC	120	60	12.0	5.000	90.000	C	100	J	.004	E	2MA	80	110	3.000	
MP1549	PG 607	41	MOT,KSC	40	20	20.0	15.000	90.000	C	100	J	.010	E	3MA	25	20		
MP1549A	PG 607	41	MOT,KSC	40	20	20.0	15.000	90.000	C	100	J	.010	E	3MA	25	20	9.999	
MP1550	PG 607	41	MOT,KSC	60	30	30.0	15.000	90.000	C	100	J	.010	E	3MA	40	20		
MP1550A	PG 607	41	MOT,KSC	60	30	30.0	15.000	90.000	C	100	J	.010	E	3MA	40	20	9.999	
MP1551	PG 607	41	MOT,KSC	80	40	40.0	15.000	90.000	C	100	J	.010	E	3MA	55	20		
MP1551A	PG 607	41	MOT,KSC	80	40	40.0	15.000	90.000	C	100	J	.010	E	3MA	55	20	9.999	
MP1552	PG 607	41	MOT,KSC	100	50	50.0	15.000	90.000	C	100	J	.010	E	3MA	65	20		
MP1552A	PG 607	41	MOT,KSC	100	50	50.0	15.000	90.000	C	100	J	.010	E	3MA	65	20	9.999	
MP1553	PG 607	41	MOT,KSC	40	20	20.0	15.000	90.000	C	100	J	.006	E	3MA	25	44		
MP1553A	PG 607	41	MOT,KSC	40	20	20.0	15.000	90.000	C	100	J	.006	E	3MA	25	44	9.999	
MP1554	PG 607	41	MOT,KSC	60	30	30.0	15.000	90.000	C	100	J	.006	E	3MA	40	44		
MP1554A	PG 607	41	MOT,KSC	60	30	30.0	15.000	90.000	C	100	J	.006	E	3MA	40	44	9.999	
MP1555	PG 607	41	MOT,KSC	80	40	40.0	15.000	90.000	C	100	J	.006	E	3MA	55	44		
MP1555A	PG 607	41	MOT,KSC	80	40	40.0	15.000	90.000	C	100	J	.006	E	3MA	55	44	9.999	
MP1556	PG 607	41	MOT,KSC	100	50	50.0	15.000	90.000	C	100	J	.006	E	3MA	65	44		
MP1556A	PG 607	41	MOT,KSC	100	50	50.0	15.000	90.000	C	100	J	.006	E	3MA	65	44	9.999	
MP1557	PG 607	41	MOT,KSC	40	20	20.0	15.000	90.000	C	100	J	.005	E	3MA	25	70		
MP1557A	PG 607	41	MOT,KSC	40	20	20.0	15.000	90.000	C	100	J	.005	E	3MA	25	74	9.999	
MP1558	PG 607	41	MOT,KSC	60	30	30.0	15.000	90.000	C	100	J	.005	E	3MA	40	70		
MP1558A	PG 607	41	MOT,KSC	60	30	30.0	15.000	90.000	C	100	J	.005	E	3MA	40	74	9.999	
MP1559	PG 607	41	MOT,KSC	80	40	40.0	15.000	90.000	C	100	J	.005	E	3MA	55	70		
MP1559A	PG 607	41	MOT,KSC	80	40	40.0	15.000	90.000	C	100	J	.005	E	3MA	55	74	9.999	
MP1560	PG 607	41	MOT,KSC	100	50	50.0	15.000	90.000	C	100	J	.005	E	3MA	65	70		
MP1560A	PG 607	41	MOT,KSC	100	50	50.0	15.000	90.000	C	100	J	.005	E	3MA	65	74	9.999	
MP1612	PG 605	3	MOT,GPD	100	50	2.5	20.000	85.000	C	200	J	HOR AMP	E	10MA	80	63	10.000	
MP1612A	PG 605	3	MOT,GPD	140	75	2.5	20.000	85.000	C	110	J	HOR AMP	E	10MA	120	63	10.000	
MP1612B	PG 605	3	MOT,GPD	160	100	2.5	20.000	85.000	C	110	J	HOR AMP	E	10MA	140	63	10.000	
MP1613	PG 605	3	MOT,GPD	100	75	5.0	7.000	85.000	C	110	J			5MA	100	55	1.000	
MP2000A	PG 605	3	MOT		30	2.0	25.000	106.000	C	110	J	.210	G	10MA	60	37	8.000	
MP2060	PG 605	3	MOT	40	25	20.0	7.000	85.000	C	110	C	.300	G	1MA	25	80	3.000	
MP2061	PG 605	3	MOT	60	35	20.0	7.000	85.000	C	110	C	.300	G	1MA	35	80	3.000	
MP2062	PG 605	3	MOT	75	50	20.0	7.000	85.000	C	110	C	.300	G	1MA	40	80	3.000	
MP2063	PG 605	3	MOT	90	60	20.0	7.000	85.000	C	110	C	.300	G	1MA	60	80	3.000	
MP2100A	PG 605	3	MOT		60	2.0	25.000	106.000	C	110	J	.210	G	10MA	80	37	8.000	
MP2137A	PG 607	41	MOT	30	20	15.0		70.000	C	110	J	.020	E	50µA	2	22	2.000	
MP2138A	PG 607	41	MOT	45	30	25.0		70.000	C	110	J	.020	E	50µA	2	22	2.000	
MP2139A	PG 607	41	MOT	60	45	30.0		70.000	C	110	J	.020	E	50µA	2	22	2.000	
MP2140A	PG 607	41	MOT	75	60	40.0		70.000	C	110	J	.020	E	50µA	2	22	2.000	
MP2141A	PG 607	41	MOT	90	65	45.0		70.000	C	110	J	.020	E	50µA	2	22	2.000	
MP2142A	PG 607	41	MOT	30	20	15.0		70.000	C	110	J	.020	E	50µA	2	33	2.000	
MP2143A	PG 607	41	MOT	45	30	25.0		70.000	C	110	J	.020	E	50µA	2	33	2.000	
MP2144A	PG 607	41	MOT	60	45	30.0		70.000	C	110	J	.020	E	50µA	2	33	2.000	
MP2145A	PG 607	41	MOT	75	60	40.0		70.000	C	110	J	.020	E	50µA	2	33	2.000	
MP2146A	PG 607	41	MOT	90	65	45.0		70.000	C	110	J	.020	E	50µA	2	33	2.000	
MP2200A	PG 605	3	MOT		80	2.0	25.000	106.000	C	110	J	.210	G	10MA	100	37	8.000	
MP2300A	PG 605	3	MOT		100	2.0	25.000	106.000	C	110	J	.210	G	10MA	120	37	8.000	
MP2400A	PG 605	3	MOT		120	2.0	25.000	106.000	C	110	J	.210	G	10MA	140	37	8.000	
MP2526	PG 607	41	MOT	80	80	5.0	10.000	85.000	C	110	J	.010	E	3MA	80	36	3.000	
MP2527	PG 607	41	MOT	120	120	5.0	10.000	85.000	C	110	J	.010	E	3MA	120	36	3.000	
MP2528	PG 607	41	MOT	160	160	5.0	10.000	85.000	C	110	J	.010	E	3MA	160	36	3.000	
MP2832	PG 607	41	MOT	80	50	2.0	20.000	85.000	C	110	J	10.000	G	10MA	80	75	1.000	
MP2833	PG 607	41	MOT	120	75	2.0	20.000	85.000	C	110	J	10.000	G	10MA	120	75	1.000	
MP2834	PG 607	41	MOT	140	100	2.0	20.000	85.000	C	110	J	10.000	G	10MA	140	75	1.000	
MP3611	PG 607	41	MOT	40	25	20.0	7.000	85.000	C	110	J	.300	G	5MA	40	50	3.000	
MP3612	PG 607	41	MOT	60	35	30.0	7.000	85.000	C	110	J	.300	G	5MA	60	50	3.000	
MP3613	PG 607	41	MOT	40	25	20.0	7.000	85.000	C	110	J	.300	G	5MA	40	80	3.000	
MP3614	PG 607	41	MOT	60	35	30.0	7.000	85.000	C	110	J	.300	G	5MA	60	80	3.000	
MP3615	PG 607	41	MOT	80	50	40.0	7.000	85.000	C	110	J	.300	G	5MA	80	40	3.000	
MP3616	PG 607	41	MOT	100	60	50.0	7.000	85.000	C	110	J	.300	G	5MA	100	40	3.000	
MP3617	PG 607	41	MOT	80	50	40.0	7.000	85.000	C	110	J	.300	G	5MA	80	60	3.000	
MP3618	PG 607	41	MOT	100	60	50.0	7.000	85.000	C	110	J	.300	G	5MA	100	60	3.000	
MP3730	PG 605	3	MOT	200	200	2.0	5.000	56.000	C	110	J	1.000	G	5MA	200	65	2.250	
MP3731	PG 605	3	MOT	320	320	2.0	10.000	56.000	C	110	J	1.000	G	10MA	320	65	6.000	
MP5435	PG 607	41	MOT	80	60	2.5	60.000	120.000	C	110	J	.350	G	10MA	80	35	25.000	
MP5436	PG 607	41	MOT	110	90	2.5	60.000	120.000	C	110	J	.350	G	10MA	110	35	25.000	
MP5437	PG 607	41	MOT	140	120	2.5	60.000	120.000	C	110	J	.350	G	10MA	140	35	25.000	
MP5438	PG 607	41	MOT	80	60	2.5	60.000	120.000	C	110	J	.350	G	10MA	80	70	25.000	
MP5439	PG 607	41	MOT	110	90	2.5	60.000	120.000	C	110	J	.350	G	10MA	110	70	25.000	
MP5440	PG 607	41	MOT	140	120	2.5	60.000	120.000	C	110	J	.350	G	10MA	140	70	25.000	
MP5692	PG 607	41	MOT	50	30	2.5	60.000	120.000	C	110	J	.200	G	200µA	2	36	25.000	
MP5693	PG 607	41	MOT	80	60	2.5	60.000	120.000	C	110	J	.200	G	200µA	2	36	25.000	
MP5694	PG 607	41	MOT	100	80	2.5	60.000	120.000	C	110	J	.200	G	200µA	2	36	25.000	
MP5695	PG 607	41	MOT	120	100	2.5	60.000	120.000	C	110	J	.200	G	200µA	2	36	25.000	
MP5696	PG 607	41	MOT	140	120	2.5	60.000	120.000	C	110	J	.200	G	200µA	2	36	25.000	
MPM5006	NS 41	92	MOT	40	40	4.0	.100	.310	A	135	J	400.000	G	50NA	20	48	.004	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
MPS404	PS 41	92	MOT	25	24	1.2	.150	.310	A	135	J	40.000	B	100NA	10	130	.012
MPS404A	PS 41	92	MOT	40	35	2.5	.150	.310	A	135	J	40.000	B	100NA	10	75	.012
MPS706	NS 41	92	MOT,NSC,ITT	25	20R	3.0		.310	A	135	J	200.000	G	500NA	15	35	.010
MPS706A	NS 41	92	MOT,ITT	25	20R	5.0		.310	A	135	J	200.000	G	500NA	15	35	.010
MPS834	NS 41	92	MOT,NSC,ITT	40	30	5.0	.200	.310	A	135	J	350.000	G	500NA	20	37	.010
MPS918	NS 41	92	MOT,NSC	30	15	3.0	.100	.310	A	135	J	600.000	G	10NA	15	30	.003
MPS2369	NS 41	92	MOT,NSC,ITT	40	15	4.5	.500	.310	A	135	J	500.000	G	400NA	20	80	.010
MPS2711	NS 41	92	MOT,NSC,ITT	18	18	5.0	.100	.310	A	135	J	AUD		500NA	18	60	.002
MPS2712	NS 41	92	MOT,NSC,ITT	18	18	5.0	.100	.310	A	135	J	AUD		500NA	18	150	.002
MPS2713	NS 41	92	MOT,NSC,ITT	18	18	5.0	.200	.310	A	135	J	250.000	G	500NA	18	60	.002
MPS2714	NS 41	92	MOT,NSC,ITT	18	18	5.0	.200	.310	A	135	J	250.000	G	500NA	18	150	.002
MPS2716	NS 41	92	NSC	25	25	5.0								500NA	18	150	.002
MPS2923	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.200	A	100	J			500NA	25	135	.002
MPS2924	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.200	A	100	J			500NA	25	225	.002
MPS2925	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.200	A	100	J			500NA	25	353	.002
MPS2926	NS 41	92	NSC,ITT	18	18	5.0		.310	A					500NA	18	253	.002
MPS2926-BRN	NS 41	92	MOT	18	18	5.0	.100	.310	A	135	J	300.000	G	500NA	18	36	.002
MPS2926-GRN	NS 41	92	MOT	18	18	5.0	.100	.310	A	135	J	300.000	G	500NA	18	215	.002
MPS2926-ORG	NS 41	92	MOT	18	18	5.0	.100	.310	A	135	J	300.000	G	500NA	18	115	.002
MPS2926-RED	NS 41	92	MOT	18	18	5.0	.100	.310	A	135	J	300.000	G	500NA	18	62	.002
MPS2926-YEL	NS 41	92	MOT	18	18	5.0	.100	.310	A	135	J	300.000	G	500NA	18	155	.002
MPS3392	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.310	A	135	J	AUD		100NA	18	225	.002
MPS3393	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.310	A	135	J	AUD		100NA	18	135	.002
MPS3394	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.310	A	135	J	AUD		100NA	18	83	.002
MPS3395	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.310	A	135	J	AUD		100NA	18	325	.002
MPS3396	NS 41	92	NSC	25	25	5.0								100NA	18	295	.002
MPS3397	NS 41	92	NSC	25	25	5.0								100NA	18	278	.002
MPS3398	NS 41	92	NSC	25	25	5.0								100NA	18	428	.002
MPS3563	NS 41	92	MOT,NSC	30	15	2.0		.310	A	135	J	1050.000	G	50NA	15	110	.008
MPS3638	PS 41	92	MOT,NSC,ITT	25	25	4.0	.500	.310	A	135	J	100.000	G	35NA	15	60	.050
MPS3638A	PS 41	92	MOT,NSC,ITT	25	25	4.0	.500	.310	A	135	J	150.000	G	35NA	15	200	.050
MPS3639	PS 41	92	MOT	6	6	4.0	.080	.200	A	125	J	500.000	G	10NA	3	60	.050
MPS3640	PS 41	92	MOT	12	12	4.0	.080	.310	A	135	J	500.000	G	10NA	6	60	.010
MPS3642	NS 41	92	NSC	60	45	5.0						250.000	G	50NA	50	80	.150
MPS3644	PS 41	92	NSC	45	45	5.0						200.000	G	35NA	30	200	.150
MPS3645	PS 41	92	NSC	60	60	5.0						200.000	G	35NA	50	200	.150
MPS3646	NS 41	92	MOT,NSC,ITT	40	15	5.0	.200	.200	A	125	J	350.000	G	500NA	20	75	.030
MPS3693	NS 41	92	MOT,NSC,ITT	45	45	4.0		.310	A	135	J	200.000	G	50NA	35	100	.010
MPS3694	NS 41	92	MOT,NSC	45	45	4.0		.310	A	135	J	200.000	G	50NA	35	250	.010
MPS3702	PS 41	92	MOT,NSC,ITT	40	25	5.0	.200	.310	A	135	J	100.000	G	100NA	20	180	.050
MPS3703	PS 41	92	MOT,NSC,ITT	50	30	5.0	.200	.310	A	135	J	100.000	G	100NA	20	90	.050
MPS3704	NS 41	92	MOT,NSC,ITT	50	30	5.0	.600	.310	A	135	J	100.000	G	100NA	20	200	.050
MPS3705	NS 41	92	MOT,NSC,ITT	50	30	5.0	.600	.310	A	135	J	100.000	G	100NA	20	100	.050
MPS3706	NS 41	92	MOT,NSC,ITT	40	20	5.0	.600	.310	A	135	J	100.000	G	100NA	20	315	.050
MPS3707	NS 43	92	MOT,ITT	30	30	6.0	.030	.310	A	135	J	AUD		100NA	20	200	.001
MPS3708	NS 43	92	MOT,ITT	30	30	6.0	.030	.310	A	135	J	AUD		100NA	20	350	.001
MPS3709	NS 43	92	MOT,ITT	30	30	6.0	.030	.310	A	135	J	AUD		100NA	20	105	.001
MPS3710	NS 43	92	MOT,ITT	30	30	6.0	.030	.310	A	135	J	AUD		100NA	20	210	.001
MPS3711	NS 43	92	MOT,ITT	30	30	6.0	.030	.310	A	135	J	AUD		100NA	20	420	.001
MPS3721	NS 41	92	MOT,NSC,ITT	18	18	5.0	.100	.310	A	135	J	300.000	G	500NA	18	360	.002
MPS3725	NS 41	92	MOT	70	50	6.0	1.000	1.500	C	150	J	300.000	G	500NA	60	45	.500
MPS3826	NS 41	92	MOT,NSC	60	45	4.0	.030	.310	A	135	J	500.000	G	100NA	30	100	.010
MPS3827	NS 41	92	MOT,NSC	60	45	4.0	.030	.310	A	135	J	500.000	G	100NA	30	250	.010
MPS4354	PS 41	92	MOT,NSC	60	60	5.0	1.000	1.500	C	150	J	100.000	G	50NA	50	275	.010
MPS4355	PS 41	92	MOT,NSC	60	60	5.0	1.000	1.500	C	150	J	100.000	G	50NA	50	250	.010
MPS4356	PS 41	92	MOT,NSC	80	80	5.0	1.000	1.500	C	150	J	100.000	G	50NA	50	150	.010
MPS5172	NS 41	92	MOT,NSC,ITT	25	25	5.0	.100	.210	A	135	J	120.000	G	100NA	25	300	.010
MPS6507	NS 41	92	MOT,NSC	30	20	3.0	.100	.310	A	135	J	700.000	G	50NA	15	50	.002
MPS6511	NS 41	92	MOT,NSC	30	20	3.0	.100	.310	A	135	J	200.000	G	50NA	15	50	.002
MPS6512	NS 41	92	MOT,NSC	40	30	4.0	.100	.310	A	135	J	250.000	G	50NA	30	75	.002
MPS6513	NS 41	92	MOT,NSC	40	30	4.0	.100	.310	A	135	J	250.000	G	50NA	30	135	.002
MPS6514	NS 41	92	MOT,NSC	40	25	4.0	.100	.310	A	135	J	390.000	G	50NA	30	225	.002
MPS6515	NS 41	92	MOT	40	25	4.0	.100	.310	A	135	J	390.000	G	50NA	30	375	.002
MPS6516	PS 41	92	MOT,NSC	40	40	4.0	.100	.310	A	135	J	200.000	G	50NA	30	75	.002
MPS6517	PS 41	92	MOT,NSC	40	40	4.0	.100	.310	A	135	J	200.000	G	50NA	30	135	.002
MPS6518	PS 41	92	MOT,NSC	40	40	4.0	.100	.310	A	135	J	340.000	G	50NA	30	225	.002
MPS6519	PS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	340.000	G	50NA	20	375	.002
MPS6520	NS 41	92	MOT,NSC	40	25	4.0	.100	.310	A	135	J	480.000	G	50NA	30	300	.002
MPS6521	NS 41	92	MOT,NSC	40	25	4.0	.100	.310	A	135	J	480.000	G	50NA	30	450	.002
MPS6522	PS 41	92	MOT,NSC	25	25	4.0	.100	.310	A	135	J	420.000	G	50NA	20	300	.002
MPS6523	PS 41	92	MOT	25	25	4.0	.100	.310	A	135	J	420.000	G	50NA	20	450	.002
MPS6530	NS 41	92	MOT,NSC	60	40	5.0	.600	.310	A	135	J	390.000	G	50NA	40	85	.100
MPS6531	NS 41	92	MOT,NSC	60	40	5.0	.600	.310	A	135	J	390.000	G	50NA	40	180	.100
MPS6532	NS 41	92	MOT,NSC	50	30	5.0	.600	.310	A	135	J	390.000	G	100NA	30	45	.100
MPS6533	PS 41	92	MOT,NSC,ITT	40	40	4.0	.600	.310	A	135	J	260.000	G	50NA	30	80	.100
MPS6534	PS 41	92	MOT,NSC,ITT	40	40	4.0	.600	.310	A	135	J	260.000	G	50NA	30	180	.100
MPS6535	PS 41	92	MOT,NSC,ITT	30	30	4.0	.600	.310	A	135	J	260.000	G	100NA	20	45	.100
MPS6539	NS 42	92	MOT	20	20	3.0		.310	A	135	J			50NA	15	30	.004
MPS6540	NS 42	92	MOT,NSC	30	30	4.0		.310	A	135	J	350.000	G	100NA	25	38	.002
MPS6542	NS 42	92	MOT,NSC	30	20	3.0	.100	.310	A	135	J	700.000	G	50NA	15	38	.002
MPS6543	NS 42	92	MOT,NSC	35	25	3.0		.310	A	135	J	750.000	G	100NA	25	38	.004
MPS6544	NS 42	92	MOT,NSC	60	45	4.0		.310	A	135	J	VID AMP		500NA	35	30	.030
MPS6545	NS 42 A		MOT		45	4.0		.310	A	135	J	VID AMP		500NA	35	30	.030
MPS6546	NS 42	92	MOT,NSC	35	25	3.0	.050	.310	A	135	J	600.000	G	1μA	25	30	.002
MPS6547	NS 42	92	MOT	35	35	3.0	.050	.310	A	135	J	600.000	G	100NA	25	30	.002
MPS6548	NS 42	92	MOT	30	25	3.0		.310	A	135	J	650.000	G	100NA	25	38	.004
MPS6560	NS 41	92	MOT,NSC	25	25	5.0	.600	.500	A	135	J	60.000	G	100NA	20	125	.500
MPS6561	NS 41	92	MOT,NSC	20	20	5.0	.600	.500	A	135	J	60.000	G	100NA	20	125	.350
MPS6562	PS 41	92	MOT,NSC	25	25	5.0	.600	.500	A	135	J	60.000	G	100NA	20	125	.500
MPS6563	PS 41	92	MOT,NSC	20	20	5.0	.600	.500	A	135	J	60.000	G	100NA	20	125	.350
MPS6564	NS 41	92	NSC		45	5.0								500NA	40	25	.010
MPS6565	NS 41	92	MOT,NSC	60	45	4.0	.200	.310	A	135	J	200.000	G	100NA	30	100	.010
MPS6566	NS 41	92	MOT,NSC	60	45	4.0	.200	.310	A	135	J	200.000	G	100NA	30	250	.010
MPS6567	NS 42	92	MOT,NSC		40	5.0		.310	A	135	J			500NA	35	38	.010
MPS6568	NS 42 A		MOT	20	20	3.0		.310	A	135	J	375.000	G	50NA	10	70	.004
MPS6568A	NS 42	92	MOT,NSC	20	20	3.0		.310	A	135	J	585.000	G	50NA	10	110	.004
MPS6569	NS 42 A		MOT,NSC	20	20	3.0		.310	A	135	J	550.000	G	50NA	10	110	.004
MPS6570	NS 42 A		MOT,NSC	20	20	3.0		.310	A	135	J	550.000	G	50NA	10	110	.004
MPS6571	NS 43	92	MOT,NSC	25	20	3.0	.050	.310	A	135	J	50.000	G	50NA	20	500	.001
MPS6573	NS 41	92	MOT	35	35	4.0	.100	.310	A	150	J	200.000	G	100NA	35	200	.010
MPS6574-BLUE	NS 41	92	MOT	35	35	4.0	.100	.310	A	150	J	200.000	G	100NA	35	125	.001
MPS6574-GREEN	NS 41	92	MOT	35	35	4.0	.100	.310	A	150	J	200.000	G	100NA	35	150	.001
MPS6574-SIL	NS 41	92	MOT	35	35	4.0	.100	.310	A	150	J	200.000	G	100NA	35	200	.001
MPS6574-YEL	NS 41	92	MOT	35	35	4.0	.100	.310	A	150	J	200.000	G	100NA	35	100	.001
MPS6575	NS 41	92	MOT	45	45	4.0	.100	.310	A	150	J	200.000	G	100NA	45	200	.010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND (MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
MPS6576-BLUE	NS 41	92	MOT	45	45	4.0	.100	.310	A	150	J 200.000	G	100NA 45		125	.001
MPS6576-GREEN	NS 41	92	MOT	45	45	4.0	.100	.310	A	150	J 200.000	G	100NA 45		150	.001
MPS6576-SIL	NS 41	92	MOT	45	45	4.0	.100	.310	A	150	J 200.000	G	100NA 45		200	.001
MPS6576-YEL	NS 41	92	MOT	45	45	4.0	.100	.310	A	150	J 200.000	G	100NA 45		100	.001
MPS6580	PS 41	92	MOT	25	25	3.0		.310	A	135	J 250.000	G	100NA 20		30	.002
MPS6590	NS 41	92	MOT	100	80	4.0	.250	.310	A	135	J 60.000	G	100NA 50		60	.010
MPS6591	NS 41	92	MOT,ITT	60	50	4.0	.250	.310	A	135	J 60.000	G	100NA 30		60	.010
MPS-A05	NS 41	92	ITT	60	60	4.0	.500	.500	A	135	J 200.000	G	100NA 60		150	.100
MPS-A10	NS 41	92	ITT		40	4.0	.100	.300	A	135	J 50.000	G	100NA 30		220	.005
MPS-A20	NS 41	92	ITT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		220	.005
MPS-A55	PS 41	92	ITT	60	60	4.0	.500	.500	A	135	J 100.000	G	100NA 60		100	.010
MPS-A70	PS 41	92	ITT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		220	.005
MPS-K20	NS 41	92	ITT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		220	.005
MPS-K21	NS 41	92	ITT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		220	.005
MPS-K22	NS 41	92	ITT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		220	.005
MPSA05	NS 41	92	MOT,NSC	60	60	4.0	.500	.500	A	135	J 50.000	G	100NA 60		50	.100
MPSA06	NS 41	92	MOT,NSC	80	80	4.0	.500	.500	A	135	J 50.000	G	100NA 80		50	.100
MPSA09	NS 41	92	MOT,NSC	50	50		.050	.310	A	135	J 30.000	G	100NA 25		250	.001
MPSA10	NS 41	92	NSC		40	4.0					50.000	G	100NA 30		220	.005
MPSA10-BLU	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 50.000	G	100NA 30		195	.005
MPSA10-GRN	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 50.000	G	100NA 30		150	.005
MPSA10-RED	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 50.000	G	100NA 30		60	.005
MPSA10-WHT	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 50.000	G	100NA 30		120	.005
MPSA10-YEL	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 50.000	G	100NA 30		225	.005
MPSA12	NS 41	92	MOT,NSC		20	10.0	.300	.625	A	135	J		100NA 15			.010
MPSA13	NS 41	92	MOT,NSC	30	30	10.0	.300	.500	A	135	J 200.000	G	100NA 30			.100
MPSA14	NS 41	92	MOT,NSC	30	30	10.0	.300	.500	A	135	J 200.000	G	100NA 30			.100
MPSA16	NS 41	92	MOT		40	12.0	.100	.350	A	150	J 100.000	G	100NA 30		310	.010
MPSA17	NS 41	92	MOT		40	15.0	.100	.350	A	150	J 80.000	G	3NA		275	.010
MPSA18	NS 41	92	MOT	45	45	6.5	.050	.310	A	135	J 140.000	G	1NA 30		500	.010
MPSA20	NS 41	92	NSC		40	4.0					125.000	G	100NA 30		220	.005
MPSA20-BLU	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		195	.005
MPSA20-GRN	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		150	.005
MPSA20-RED	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		60	.005
MPSA20-WHT	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		120	.005
MPSA20-YEL	NS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		225	.005
MPSA42	NS 41	92	MOT	300	300	8.0	.500	1.500	C	150	J 50.000	G	100NA 200		50	.100
MPSA43	NS 41	92	MOT	200	200	6.0	.500	1.500	C	150	J 50.000	G	100NA 160		50	.100
MPSA55	PS 41	92	MOT,NSC	60	60	4.0	.500	.500	A	135	J 50.000	G	100NA 60		88	.100
MPSA56	PS 41	92	MOT,NSC	80	80	4.0	.500	.500	A	135	J 50.000	G	100NA 80		88	.100
MPSA65	PS 41	92	MOT	30	30	8.0	.300	.500	A	135	J 175.000	G	100NA 30			.100
MPSA66	PS 41	92	MOT	30	30	8.0	.300	.500	A	135	J 175.000	G	100NA 30			.100
MPSA70	PS 41	92	NSC		40	4.0					125.000	G	100NA 30		220	.005
MPSA70-BLU	PS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		195	.005
MPSA70-GRN	PS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		150	.005
MPSA70-RED	PS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		60	.005
MPSA70-WHT	PS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		120	.005
MPSA70-YEL	PS 41	92	MOT		40	4.0	.100	.300	A	135	J 125.000	G	100NA 30		225	.005
MPSA92	PS 41	92	MOT	300	300	5.0	.500	1.500	C	150	J 50.000	G	250NA 200		25	.100
MPSA93	PS 41	92	MOT	200	200	5.0	.500	1.500	C	150	J 50.000	G	250NA 160		25	.100
MPSH02	NS 41	92	MOT	20	20	3.0		.500	A	135	J 375.000	G	50NA 10		70	.004
MPSH04	NS 41	92	MOT		80	4.0	.100	.300	A	135	J 80.000	G	50NA 60		70	.002
MPSH05	NS 41	92	MOT		80	4.0	.100	.300	A	135	J 80.000	G	50NA 60		70	.002
MPSH07	NS 41	92	MOT	30	30	3.0		.500	A	135	J 400.000	G	50NA 15		20	.003
MPSH08	NS 41	92	MOT	30	30	3.0		.500	A	135	J 500.000	G	50NA 15		20	.003
MPSH10	NS 41	92	MOT	30	25	3.0		.310	A	135	J 650.000	G	100NA 25		90	.004
MPSH11	NS 41	92	MOT	30	25	3.0		.310	A	135	J 650.000	G	100NA 25		90	.004
MPSH19	NS 42	92	MOT	30	25	3.0		.350	A	150	J 300.000	G	100NA 15		45	.004
MPSH20	NS 41	92	MOT	40	30	4.0	.100	.310	A	135	J 400.000	G	50NA 15		38	.004
MPSH24	NS 42	92	MOT	40	30	4.0	.100	.500	A	135	J 620.000	G	50NA 15			
MPSH30	NS 41	92	MOT	20	20	3.0		.310	A	135	J 300.000	G	50NA 10		70	.004
MPSH31	NS 41	92	MOT	20	20	3.0		.310	A	135	J 300.000	G	50NA 10		70	.004
MPSH32	NS 41	92	MOT	40	30	4.0		.500	A	135	J 300.000	G	50NA 10		35	.004
MPSH34	NS 42	92	MOT	45	45	4.0	.100	.500	A	135	J 720.000	G	50NA 30		15	.020
MPSH37	NS 41	92	MOT		40	5.0		.310	A	135	J 300.000	G	500NA 35		38	.005
MPSH81	PS 42	92	MOT	20	20	3.0		.350	A	150	J 1250.000	G	100NA 10		60	.005
MPSH85	PS 41 A		MOT	30	30	3.0		.310	A	150	J 350.000	G	100NA 15		20	.003
MPSL01	NS 41	92	MOT	140	120	5.0	.600	.310	A	135	J 60.000	G	1μA 75		110	.010
MPSL5	PS 41	92	NSC	100	100	4.0					60.000	G	1μA 50		145	.050
MPSL07	PS 41	92	MOT	6	6	4.5	.080	.310	A	135	J 500.000	G	10NA 3		50	.010
MPSL08	PS 41	92	MOT	12	12	4.5	.080	.310	A	135	J 700.000	G	10NA 6		50	.010
MPSL51	PS 41	92	MOT	100	100	4.0	.600	.310	A	135	J 60.000	G	1μA 75		110	.010
MPSU01	NS 49 A		MOT		30		1.500	1.000	A	135	J 50.000	G	100NA 30		115	.150
MPSU02	NS 49 A		MOT	60	40	5.0	.800	1.000	A	135	J 150.000	G	100NA 40		125	.150
MPSU03	NS 49 A		MOT	120	120	5.0	1.000	1.000	A	135	J 100.000	G	100NA 100		60	.010
MPSU04	NS 49 A		MOT	180	180	5.0	1.000	1.000	A	135	J 100.000	G	100NA 150		60	.010
MPSU05	NS 49 A		MOT	60	60	4.0	1.000	5.000	C	135	J 50.000	G	100NA 40		92	.250
MPSU06	NS 49 A		MOT	80	80	4.0	1.000	5.000	C	135	J 50.000	G	100NA 60		92	.250
MPSU10	NS 49 A		MOT	300	300	8.0	1.000	1.000	A	135	J 60.000	G	200NA 200		60	.030
MPSU51	PS 49 A		MOT		30		1.500	1.000	A	135	J 50.000	G	100NA 30		105	.150
MPSU52	PS 49 A		MOT	60	40	5.0	1.500	1.000	A	135	J 150.000	G	100NA 40		125	.150
MPSU55	PS 49 A		MOT	60	60	4.0	1.000	5.000	C	135	J 50.000	G	100NA 40		85	.250
MPSU56	PS 49 A		MOT	80	80	4.0	1.000	5.000	C	135	J 50.000	G	100NA 60		85	.250
MPSU60	PS 49 A		MOT	300	300	5.0	.500	10.000	C	150	J 60.000	G	200NA 200		22	.250
MPSU95	PS 49 A		MOT	50	40	12.0	2.000	10.000	C	150	J 320.000	G	100NA 30		38	1.000
MSA7505			SEE RF POWER SECTION													
MSA8503			SEE RF POWER SECTION													
MSA8505			SEE RF POWER SECTION													
MSA8506			SEE RF POWER SECTION													
MSA8507			SEE RF POWER SECTION													
MSA8508			SEE RF POWER SECTION													
MT1038	NS 211	46	FSC	30	15	4.0	.250	.300	A	175	J 950.000	G	50NA 10		40	.010
MT1038A	NS 211 U		FSC	30	15	4.0	.250	.300	A	175	J 950.000	G	50NA 10		40	.010
MT1039	NS 211	46	FSC	30	15	4.0	.250	.300	A	175	J 950.000	G	50NA 10		40	.010
MT1039A	NS 211 U		FSC	30	15	4.0	.250	.300	A	175	J 1300.000	G	500NA 10		40	.010
MT1050	NS 951 C		FSC	30	15	4.0	.250	.300	A	175	J 950.000	G	50NA 10		40	.010
MT1060	NS 211	46	FSC	30	14	4.0	.080	.300	A	175	J 1000.000	G	500NA 10		40	.001
MT1060A	NS 211	46	FSC	30	14	4.0	.080	.300	A	175	J 1300.000	G	500NA 10		70	.001
MT1061	NS 217	72	FSC	30	14	4.0	.080	.250	A	175	J 1000.000	G	500NA 10		40	.001
MT1061A	NS 217	72	FSC	30	14	4.0	.080	.250	A	175	J 1300.000	G	500NA 10		70	.001
MT1062	NS 908	50	FSC	30	14	4.0	.080	.300	A	175	J 1300.000	G	50NA 10		3	
MT1063	NS 890 B		FSC	30	14	4.0	.080	.150	A	175	J 1300.000	G	500NA 10		70	.001
MT1070	NS 951 C		FSC	30	14	4.0	.080	1.000	A	175	J 1300.000	G	50NA 10		45	.005
MT1115	NS 951 C		FSC	28	12	4.0	.080	.200	A	175	J 1500.000	G	10NA 10		45	.001
MT1116	NS 951 C		FSC	28	12	4.0	.080	.200	A	175	J 1500.000	G	10NA 10		45	.001

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
MT3833	NS 915	50	FSC	30	15	4.0	.100	.300	A	175	J	1000.000	G	20μA	12	40	.030
MT3834	NS 915	50	FSC	30	15	4.0	.100	.300	A	175	J	1000.000	G	20μA	12	40	.030
MT5763			SEE RF POWER SECTION														
MT5764			SEE RF POWER SECTION														
MT5765			SEE RF POWER SECTION														
NA20	NG 210	5	SEM	30	20	10.0	.200	.200	A			1.000	G			50	
NA30	NG 210	5	SEM	35	25	20.0	.200	.250	A			.500	G			100	
ND5700	NS 260	78	NSC	45	45	6.0								200PA	50	100	.001
ND5701	NS 260	78	NSC	45	45	6.0								200PA	50	100	.001
ND5702	NS 260	78	NSC	45	45	6.0								200PA	50	100	.001
NKT121	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	15.000	B	5μA	10	80	
NKT122	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	7.000	B	5μA	10	80	
NKT123	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	3.000	B	5μA	10	80	
NKT124	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	15.000	B	5μA	10	120	
NKT125	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	7.000	B	5μA	10	120	
NKT126	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	3.000	B	5μA	10	120	
NKT127	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	15.000	B	5μA	10	80	
NKT128	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	7.000	B	5μA	10	80	
NKT129	PG 210	5	NKT	20	20S	6.0	.500	.075	A	75	J	3.000	B	5μA	10	80	
NKT211	PG 120	1	NKT	32	32R	10.0	.500	.200	A	90	J	.900	B	10μA	10	100	
NKT213	PG 120	1	NKT	32	32R	10.0	.125	.200	A	90	J	.900	B	10μA	10	80	
NKT214	PG 120	1	NKT	32	32R	10.0	.125	.200	A	90	J	.900	B	10μA	10	50	
NKT215	PG 120	1	NKT	32	32R	10.0	.125	.200	A	90	J	.900	B	10μA	10	30	
NKT216	PG 120	1	NKT	32	32R	10.0	.125	.200	A	90	J	.900	B	10μA	10	80	
NKT217	PG 120	1	NKT	60	60R	10.0	.125	.200	A	90	J	.900	B	10μA	10	100	
NKT218	PG 120	1	NKT	32	32R	10.0	.500	.200	A	90	J	.900	B	10μA	10	160	
NKT221	PG 211	39	NKT	30	30S	10.0	.500	.300	A	85	J	.750	B	10μA	5	60	
NKT222	PG 211	39	NKT	30	30S	10.0	.125	.180	A	75	J	.750	B	10μA	5	120	
NKT223	PG 211	39	NKT	30	30S	10.0	.125	.180	A	75	J	.750	B	10μA	5	120	
NKT224	PG 211	39	NKT	30	30S	10.0	.125	.180	A	75	J	.750	B	10μA	5	60	
NKT225	PG 211	39	NKT	30	30S	10.0	.125	.180	A	75	J	.750	B	10μA	5	30	
NKT226	PG 211	39	NKT	30	30S	10.0	.125	.180	A	75	J	.750	B	10μA	5	100	
NKT227	PG 211	39	NKT	60	60S	10.0	.125	.180	A	75	J	.750	B	10μA	5	120	
NKT228	PG 211	39	NKT	30	30S	10.0	.500	.300	A	85	J	.750	B	10μA	5	60	
NKT231	PG 211	39	NKT	15	15S	10.0	.500	.300	A	85	J	.750	B	25μA	15	110	
NKT232	PG 211	39	NKT	15	15S	10.0	.500	.300	A	85	J	.750	B	25μA	15	150	
NKT301	PG 171	8	NKT	60	40	15.0	2.000	.750	A	85	C	.500	B	50μA	2	100	
NKT302	PG 171	8	NKT	60	40	15.0	2.000	.750	A	85	C	.500	B	50μA	2	130	
NKT303	PG 171	8	NKT	30	20	15.0	2.000	7.000	C	85	C	.500	B	50μA	2	100	
NKT304	PG 171	8	NKT	30	20	15.0	2.000	.750	A	85	C	.500	B	50μA	2	130	
NKT401	PG 605	3	NKT	80	30	20.0	8.000	12.000	C	85	C	.010	E	100μA	2	50	
NKT402	PG 605	3	NKT	60	20	20.0	8.000	12.000	C	85	C	.010	E	100μA	2	100	
NKT403	PG 605	3	NKT	80	30	20.0	8.000	12.000	C	85	C	.010	E	100μA	2	100	
NKT404	PG 605	3	NKT	60	20	20.0	8.000	12.000	C	85	C	.010	E	100μA	2	100	
NKT405	PG 605	3	NKT	60	45R	20.0	6.000	12.000	C	85	C	.009	E	100μA	2	120	
NKT451	PG 605	3	NKT	36	36R	10.0	2.000	13.000	C	85	C	AUD		100μA	2	100	
NKT452	PG 605	3	NKT	36	36R	10.0	2.000	13.000	C	85	C	AUD		100μA	2	60	
NKT453	PG 605	3	NKT	36	36R	10.0	2.000	13.000	C	85	C	AUD		100μA	2	30	
NKT713	NG 120	1	NKT	25	25R	15.0	.200	.150	A	80	J	1.000	B	50μA	25	100	
NKT773	NG 120	1	NKT	15	15R	5.0	.300	.150	A	85	J	AUD		15μA	10	50	
NO400	NS 605	3	SEM	400	200	2.0	10.000	100.000	A			5.000	G			20	
NPS404	PS 41	92	SPR	25	24	12.0	.150	.360	A	150	J	4.000	B	100NA	10	215	.012
NPS404A	PS 41	92	SPR	40	35	25.0	.150	.360	A	150	J	4.000	B	100NA	10	215	.012
NPS6512	NS 41	92	SPR	40	30	4.0	.100	.360	A	150	J			50NA	30	75	.002
NPS6513	NS 41	92	SPR	40	30	4.0	.100	.360	A	150	J			50NA	30	135	.002
NPS6514	NS 41	92	SPR	40	25	4.0	.100	.360	A	150	J			50NA	30	225	.002
NPS6515	NS 41	92	SPR	40	25	4.0	.100	.360	A	150	J			50NA	30	375	.002
NPS6516	PS 41	92	SPR	40	40	4.0	.100	.360	A	150	J			50NA	30	75	.002
NPS6517	PS 41	92	SPR	40	40	4.0	.100	.360	A	150	J			50NA	30	135	.002
NPS6518	PS 41	92	SPR	40	40	4.0	.100	.360	A	150	J			50NA	30	225	.002
NPS6519	PS 41	92	SPR	25	25	4.0	.100	.360	A	150	J			50NA	30	375	.002
NPS6520	NS 41	92	SPR	40	25	4.0	.100	.360	A	150	J			50NA	30	300	.002
NPS6521	NS 41	92	SPR	40	25	4.0	.100	.360	A	150	J			50NA	30	450	.002
NPS6522	PS 41	92	SPR	25	25	4.0	.100	.360	A	150	J			50NA	20	300	.002
NPS6523	PS 41	92	SPR	25	25	4.0	.100	.360	A	150	J			50NA	20	450	.002
NPSA20	NS 41	92	SPR		40	4.0	.100	.360	A	150	J	125.000	G	100NA	30	220	.005
NR5	NG 210	5	SEM	20	15	10.0	.100	.200	A			10.000	G			70	
NR10	NG 210	5	SEM	20	20	10.0	.100	.200	A			20.000	G			150	
NR700	NG 210	18	SEM	15	15	2.0	.100	.100	A			400.000	G			100	
NS381	NS 210	18	NSC	25	20	5.0		.300	A			400.000	G			40	
NS475	NS 210	46	NSC	30	30	6.0	.100	.400	A	200	J	80.000	B	200NA	30	36	
NS476	NS 210	46	NSC	30	30	6.0	.100	.400	A	200	J	80.000	B	200NA	30	70	
NS477	NS 210	46	NSC	30	30	6.0	.100	.400	A	200	J	80.000	B	200NA	30	180	
NS478	NS 210	46	NSC	60	60	8.0	.100	.400	A	200	J	80.000	B	200NA	60	36	
NS479	NS 210	46	NSC	60	60	8.0	.100	.400	A	200	J	8.000	B	200NA	60	7	
NS480	NS 210	46	NSC	60	60	8.0	.100	.400	A	200	J	8.000	B	200NA	60	180	
NS731	NS 210	18	NSC	15	15	4.0		.400	A	175	J	80.000	B			36	
NS732	NS 210	18	NSC	15	15	4.0		.400	A	175	J	80.000	B			80	
NS733	NS 210	18	NSC	30	30	4.0		.400	A	175	J	80.000	B			36	
NS734	NS 210	18	NSC	30	30	4.0		.400	A	175	J	80.000	B			80	
NS792	NS 210	5	NSC	60	60	5.0	1.000	8.000	C	200	J	150.000	G			40	
NS793	NS 210	5	NSC	60	60	5.0	1.000	8.000	C	200	J	150.000	G			80	
NS3762	PS 210	5	NSC	40	40	5.0						180.000	G	100NA	20	75	1.000
NS3763	PS 210	5	NSC	60	60	5.0						180.000	G	100NA	20	75	1.000
NS3903	NS 210	18	NSC	60	40	6.0						250.000	G	50	30	100	.010
NS3904	NS 210	18	NSC	60	40	6.0						300.000	G	50	30	200	.010
NS3905	PS 210	18	NSC	40	40	5.0						200.000	G	50NA	30	100	.010
NS3906	PS 210	18	NSC	40	40	5.0						250.000	G	50NA	30	200	.010
NSD102	NS 52	202 AA	NSC		5		.500	10.000	C							100	.100
NSD103	NS 52	202 AA	NSC		5		.500	10.000	C							235	.100
NSD104	NS 52	202 AA	NSC		5		.500	10.000	C							100	.100
NSD105	NS 52	202 AA	NSC		5		.500	10.000	C							240	.100
NSD106	NS 52	202 AA	NSC		5		.500	10.000	C							100	.100
NSD126	NS 52	202 AA	NSC		10		.150	10.000	C							170	.150
NSD127	NS 52	202 AA	NSC		5		.050	10.000	C							275	.010
NSD128	NS 52	202 AA	NSC		5		.050	10.000	C							275	.010
NSD129	NS 52	202 AA	NSC		5		.050	10.000	C							275	.010
NSD131	NS 52	202 AA	NSC		10		.020	10.000	C							60	.030
NSD132	NS 52	202 AA	NSC		10		.020	10.000	C							120	.030
NSD133	NS 52	202 AA	NSC		10		.020	10.000	C							60	.030
NSD134	NS 52	202 AA	NSC		10		.020	10.000	C							120	.030
NSD135	NS 52	202 AA	NSC		10		.020	10.000	C							30	.030
NSD151	NS 52	202 AA	NSC		5		.100	10.000	C								
NSD152	NS 52	202 AA	NSC		5		.100	10.000	C								
NSD202	PS 52	202 AA	NSC		5		.500	10.000	C							100	.100

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
NSD203	PS 52	202 AA	NSC		5		.500	10.000	C						235	.100
NSD204	PS 52	202 AA	NSC		5		.500	10.000	C						100	.100
NSD205	PS 52	202 AA	NSC		5		.500	10.000	C						235	.100
NSD206	PS 52	202 AA	NSC		5		.500	10.000	C						100	.100
OC16	PG 498 A		MUL,PHN	32	16	10.0	3.000	50.000	C	75 J		.200 B	1MA	14	36	
OC22	PG 605	3	MUL,PHN,RAD	47	32	15.0	1.000	16.000	C	75 J		2.500 B			100	
OC23	PG 605	3	MUL,PHN,RAD	55	40	15.0	1.000	16.000	C	75 J		2.500 B			100	
OC24	PG 605	3	MUL,PHN,RAD	47	40	15.0	1.000	16.000	C	75 J		2.500 B			100	
OC26			SEE 2N1314													
OC27	PG 605	3	PHN	32	16	10.0	3.500	54.000	C	90 J		.004 E	20MA	14	70	
OC28			SEE 2N1666													
OC29			SEE 2N1667													
OC30	PG 605 A		RAD	32	32	10.0	1.400	6.500	C	75 J		.150 B			33	
OC35			SEE 2N1668													
OC36			SEE 2N1669													
OC44	PG 55 A		AMP,MUL,PHN	15	5	12.0	.005	.080	A	75 J		7.500 B	10μA	15	100	
OC45	PG 55 A		AMP,MUL,PHN	15	5	12.0	.005	.080	A	75 J		3.000 B	10μA	15	70	
OC46	PG 55 A		PHN,RAD	20	20	15.0	.125	.083	A	75 J		3.000 B			40	
OC47	PG 55 A		RAD	20	20	15.0	.125	.083	A	75 J		4.500 B			100	
OC57	PG 105 B		RAD	7	7	7.0	.010	.020	A	55 J		2.000 B			35	
OC58	PG 105 B		RAD,AMP	7	7	7.0	.010	.020	A	55 J		2.000 B	3μA	2	55	
OC59	PG 105 B		AMP,PHN,RAD	7	7	7.0	.010	.020	A	55 J		2.000 B	3μA	2	80	
OC60	PG 105 B		AMP,PHN,RAD	7	7	7.0	.010	.020	A	55 J		2.000 B	3μA	2	60	
OC65	PG 5 B		MUL,PHN	10	10	10.0	.010	.060	A	65 J		.015 E	12μA	4	30	
OC66	PG 5 B		MUL,PHN	10	10	10.0	.010	.060	A	65 J		.010 E	12μA	4	50	
OC70	PG 55 A		MUL,PHN	30	10	10.0	.010	.125	A	75 J		.200 B	13μA	4	30	
OC71	PG 55 A		MUL,PHN,RAD,TAD	30	30		.050	.125	A	75 J		1.000 B			50	
OC71N	PG 120	1	AMP	30	30R		.010	.110	A	75 J		.010 E			60	
OC72	PG 60 A		MUL,PHN,RAD,TAD	32	32		.250	.165	A	75 J		.900 B			70	
OC73	PG 55 A		MUL,PHN	32	30	30.0	.010	.125	A	75 J		.500 B	19μA	30	46	
OC74	PG 60 A		RAD,TAD,AMP	20	20		.550	.300	A	75 J		1.500 B			65	.050
OC75	PG 55 A		MUL,PHN,RAD	30	30		.050	.125	A	75 J		1.000 B			90	
OC75N	PG 120	1	AMP	30	30R		.010	.110	A	75 J		.008 E			120	
OC76	PG 60 A		MUL,PHN,RAD	32	32	10.0	.125	.180	A	75 J		.350 B			90	
OC77	PG 60 A		MUL,PHN,RAD	60	60	10.0	.125	.180	A	75 J		.350 B			90	
OC79	PG 60 A		RAD	26	26		.300	.550	A	75 J		1.000 B			45	
OC80	PG 60 A		PHN,RAD	32	32	20.0	.300	.350	A	75 J		2.000 B			180	
OC139	NG 55 A		MUL,PHN,RAD	20	20	20.0	.250	.140	A	75 J		6.000 B			40	
OC140	NG 55 A		MUL,PHN,RAD	20	20	20.0	.400	.140	A	75 J		12.000 B			75	
OC141	NG 55 A		MUL,PHN,RAD	20	20	20.0	.400	.140	A	75 J		20.000 B			150	
OC170	PG 75	7	MUL,PHN	20		.5	.010	.100	A	75 J		40.000 B	2μA	6	80	
OC602	PG 55 D		TFK	22	12	10.0	.050	.125	A	75 J		.025 E	5μA	6	40	
OC602-SPEZ	PG 55 F		TFK	40	15	10.0	.500	.175	C	75 J			7μA	6	32	
OC603	PG 55 F		TFK	20	12	10.0		.125	A	75 J		1.000 G	10μA	6	50	
OC604			SEE AC122													
OC604-SPEZ	PG 55 F		TFK	40	15	10.0	.500	.175	C	75 J			6μA	6	50	
OC613			SEE AF101													
OC614	PG 55 D		TFK	25	12	.8		.030	A	75 J		28.000 G	2μA	6	120	
OC615	PG 55 D		TFK	25	12	.8		.030	A	75 J		50.000 G	3μA	6	160	
OD603	PG 698 A		TFK	40	30	10.0	3.000	4.000	C	75 J		.009 E	10μA	6	34	
OD603/50	PG 698 A		TFK	60	50	30.0	1.000	4.000	C	75 J		.009 E	10μA	6	30	
PADT50	PG 605	3	AMP	70		1.5	.700	12.500	C	75 J		60.000 G	600μA	60	80	
PAR12			SEM									.200 G				
PBC107A	NS 45	98	SES	45	45	5.0	.100	.200	A	100 J		150.000 G	100NA	45	180	.002
PBC107B	NS 45	98	SES	45	45	5.0	.100	.200	A	100 J		150.000 G	100NA	45	290	.002
PBC108A	NS 45	98	SES	20	20	5.0	.100	.200	A	100 J		150.000 G	100NA	20	180	.002
PBC108B	NS 45	98	SES	20	20	5.0	.100	.200	A	100 J		150.000 G	100NA	20	290	.002
PBC108C	NS 45	98	SES	20	20	5.0	.100	.200	A	100 J		150.000 G	100NA	20	520	.002
PBC109B	NS 45	98	SES	20	20	5.0	.100	.200	A	100 J		150.000 G	100NA	20	290	.002
PBC109C	NS 45	98	SES	20	20	5.0	.100	.200	A	100 J		150.000 G	100NA	20	520	.002
PEP9	NS 211	18	AEI	40	20	5.0	.100	.300	A	175 J		200.000 G	50NA	20	70	.010
PEP95	NS 211	18	AEI	25	15	5.0	.200	.300	A	175 J		100.000 G	50NA	16	100	.010
PET1001	NS 170	106	PHF	45	45	4.0	.150	.360	A	125 J		200.000 G	500NA	30	80	.010
PET1002	NS 170	106	PHF	45	45	4.0	.150	.360	A	125 J		200.000 G	500NA	30	200	.010
PET1075	NS 170	106	PHF	90	70	6.0	.150	.360	A	125 J		60.000 G	1μA	70	160	.001
PET1075A	NS 170	106	PHF	140	90	6.0	.150	.360	A	125 J		60.000 G	1μA	90	160	.001
PET2001	NS 170	106	PHF	35	20	4.0	.150	.360	A	125 J		200.000 G	50NA	30	80	.010
PET2002	NS 170	106	PHF	35	20	4.0	.150	.360	A	125 J		200.000 G	50NA	30	200	.010
PET3001	NS 170	106	PHF	30	12	4.0	.100	.250	A	125 J		600.000 G	1μA	20	45	.010
PET3002	NS 170	106	PHF	30	12	4.0	.100	.250	A	125 J		600.000 G	1μA	20	120	.010
PET3704	NS 170	106	PHF	50	30	5.0	.800	.360	A	125 J		100.000 G	100NA	20	175	.050
PET3705	NS 170	106	PHF	50	30	5.0	.800	.360	A	125 J		100.000 G	100NA	20	88	.050
PET3706	NS 170	106	PHF	40	20	5.0	.800	.360	A	125 J		100.000 G	100NA	20	180	.050
PET4001	NS 170	106	PHF	30	25	8.0	.100	.360	A	125 J		60.000 G	10NA	25	135	.001
PET4002	NS 170	106	PHF	30	25	8.0	.100	.360	A	125 J		60.000 G	10NA	25	350	.001
PET4003	NS 170	106	PHF	30	25	8.0	.100	.360	A	125 J		60.000 G	10NA	25	525	.001
PET6001	NS 170	106	PHF	40	30	5.0	.750	.360	A	125 J		40.000 G	50NA	15	75	.050
PET6002	NS 170	106	PHF	40	30	5.0	.750	.360	A	125 J		45.000 G	50NA	15	130	.150
PET8000	NS 170	106	PHF	50	35	8.0	.800	.360	A	125 J		40.000 G	10NA	25	130	.001
PET8001	NS 170	106	PHF	50	35	8.0	.800	.360	A	125 J		40.000 G	10NA	25	262	.001
PET8002	NS 170	106	PHF	50	35	8.0	.800	.360	A	125 J		40.000 G	10NA	25	375	.001
PET8003	NS 170	106	PHF	50	35	8.0	.800	.360	A	125 J		40.000 G	10NA	25	262	.001
PET8004	NS 170	106	PHF	50	35	8.0	.800	.360	A	125 J		40.000 G	10NA	25	375	.001
PET8101	NS 170	106	PHF	18	12	4.0	.100	.250	A	125 J		800.000 G	50NA	12	45	.005
PN26	NS 605	66	SEM	50	40	5.0	2.000	90.000	C			1.000 G			30	
PN66	NS 605	66	SEM	300	200	5.0	3.000	90.000	C			1.000 G			30	
PN350	NS 605	3	SEM	100	80	7.0	10.000	150.000	C			1.000 G			30	
PP7535	PS 605	3	PPC	150	90		20.000	140.000	C			60.000 G			60	12.000
PP7536	PS 605	3	PPC	120	75		20.000	140.000	C			60.000 G			60	10.000
PT2A	PG 146 C		CBS	40		40.0	.010	.100	A	55 A		2.000 B			3	
PT25	PG 146 C		CBS	40		40.0	.010	.100	A	55 A					4	
PT6	PG 605	3	SEM	30	12	10.0	3.000	90.000	C			.200 G			40	
PT12	PG 605	3	SEM	30	12	12.0	3.000	90.000	C			.200 G			40	
PT25	PG 605	3	SEM	40	25	20.0	5.000	90.000	C			.200 G			60	
PT32	PG 605	66	SEM	45	25	12.0	2.000	6.000	C			.200 G			60	
PT40	PG 605	3	SEM	80	40	20.0	5.000	90.000	C			.200 G			90	
PT50	PG 605	3	SEM	100	60	20.0	7.000	90.000	C			.200 G			50	
PT150	PG 605	3	SEM	100	60	20.0	15.000	150.000	C			.200 G			40	
PT201	PG 405	36	SEM	40	25	12.0	15.000	150.000	C			.200 G			25	
PT250	PG 607	41	SEM	100	50	20.0	25.000	150.000	C			.200 G			40	
PT501	PG 405	36	SEM	60	30	20.0	15.000	150.000	C			.200 G			40	
PT515	PG 405	36	SEM	100	60	40.0	30.000	170.000	C			.200 G			50	
PT530			SEE 2N1709													
PT530A			SEE 2N2783													
PT531			SEE 2N2874													

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
PT600	NS 171	8	TRW	60	45R	4.0		13.000	C			150.000	G	1MA	12	26	1.000
PT601	NS 171	8	TRW	60	45R	4.0		13.000	C			180.000	G	1MA	12	52	1.000
PT612	NS 170	8	TRW	75	60R	5.0	.350	2.000	A	175	J	60.000	G	500µA	28	26	.350
PT613			SEE 2N2782														
PT665	NS 561	61	TRW	75	60R	4.0	.350	20.000	C			15.000	G	10µA	28	26	.350
PT665A	NS 561	61	TRW	100	90R	5.0	.350	20.000	C			15.000	G	10µA	28	26	.350
PT692			SEE 2N2781														
PT703	NS 211	18	TRW	25	25R	5.0	.020	.360	A	175	J			5µA	15		
PT720	NS 211	18	TRW	25	15	5.0	.200	.360	A	200	J	250.000	G	500NA	15	80	.001
PT886	NS 211	5	TRW	22	25R	5.0		.600	A	175	J			300µA	10		
PT887	NS 211	5	TRW	45	50R	5.0		.600	A	175	J			300µA	10		
PT888	NS 211	5	TRW	45	50R	5.0		.600	A	175	J			300µA	10		
PT896	NS 211	5	TRW	45	50R	5.0		1.600	C					300µA	10		
PT897	NS 211	5	TRW	45	50R	5.0		.600	A	175	J			300µA	10		
PT898	NS 211	5	TRW	45	50R	5.0		1.600	C					300µA	10		
PT1515	NS 211	5	TRW	80	80R	4.0	.110	3.000	C			500.000	G	10µA	28	40	.100
PT1544	NS 211	5	TRW		50R	4.0		.800	A	175	J			100µA	15		
PT1545	NS 211	5	TRW		50R	4.0		.800	A	175	J			100µA	15		
PT1558	NS 211	5	TRW	80	45	5.0	.110	.800	A	200	J	140.000	G	50NA	28	36	.100
PT1937	NS 414	81	TRW	140	50	4.0	7.000	100.000	C	150	J	40.000	G	50MA	140	30	7.000
PT1941	NS 560	61	TRW	140	130R	4.0	7.000	90.000	C	150	J	40.000	G	50MA	140	30	7.000
PT1949	NS 911 A		TRW	140	100R	5.0		50.000	C					10MA	60	18	10.000
PT1963	NS 560	61	TRW	140	100R	5.0		50.000	C					10MA	60	18	10.000
PT2523	NS 211	5	TRW	180	130	5.0		5.000	C			50.000	G	10NA	120	40	.010
PT2524	NS 211	5	TRW	200	160	5.0		5.000	C			50.000	G	10NA	120	40	.010
PT2525	NS 211	5	TRW	220	170	5.0		5.000	C			50.000	G	10NA	120	40	.010
PT2540	NS 211	5	TRW	60	32	4.0		.850	A	200	J	200.000	G	10µA	10	30	.150
PT2610	NS 211	5	TRW	100	60	4.0	.200	13.000	C			125.000	G	100µA	28	46	.350
PT2620	NS 211	5	TRW	85	45	4.0	.170	10.000	C			125.000	G	100µA	28	56	.350
PT2620A	NS 210	5	TRW	85	45	4.0	.170	10.000	C			125.000	G	100µA	28	56	.350
PT2630	NS 211	5	TRW	100	60	4.0	.250	13.000	C			50.000	G	100µA	28	46	.350
PT2635	NS 561	61	TRW	100	60	4.0		25.000	C					1µA	28	30	.350
PT2640	NS 211	5	TRW	85	45	4.0	.225	10.000	C			50.000	G	50µA	28	56	.350
PT2660	NS 211	5	TRW	70	50	4.0	.230	10.000	C			75.000	G	1µA	24	76	.100
PT2670	NS 211	5	TRW	100	60	4.0		13.000	C					500NA	15	44	.350
PT2760	NS 210	18	TRW	35	20	4.0	.200	.360	A	200	J	250.000	G	100NA	15	65	.001
PT4800	NS 211	5	TRW	55	25	4.0	.150	5.000	C			35.000	G	50NA	12	60	.150
PT4816	NS 211	5	TRW	60	30	4.0	.066	3.000	C			85.000	G	50NA	40	80	.010
PT4830	NS 211	18	TRW	60	30	4.0	.066	1.800	C			85.000	G	50NA	40	80	.010
PTC101	NS 173	105	MAL	75	40	6.0	.100	.500	A			300.000	G			150	
PTC102	PG 211	5	MAL	40	25	6.0	.300	.200	A			5.000	G			120	
PTC103	PS 173	105	MAL	70	70	5.0	.600	.500	A			200.000	G			140	
PTC104	NS 605	66	MAL	375	350	5.0	3.000	20.000	C			30.000	G			140	
PTC105	PG 605	3	MAL	70	50	10.0	7.000	90.000	C			.022	G			80	
PTC106	PG 405	36	MAL	50	40	1.0	15.000	150.000	C			.010	G			90	
PTC107	PG 217	72	MAL	30	20	3.0	.050	.100	A			300.000	G			140	
PTC108	NG 211	5	MAL	47	26	20.0	.300	.150	A			25.000	G			70	
PTC109	PG 120	1	MAL	60	30	20.0	.200	.150	A			5.000	G			70	
PTC110	NS 54	220 AB	MAL	82	75	5.0	3.000	12.500	C			50.000	G			80	
PTC111	PS 54	220 AB	MAL	82	75	5.0	3.000	12.500	C			50.000	G			80	
PTC112	NS 605	66	MAL	90	80	3.0	4.000	25.000	C			3.000	G			80	
PTC113	PS 605	66	MAL	90	80	3.0	4.000	25.000	C			3.000	G			80	
PTC114	PG 605	3	MAL	50	32	15.0	3.000	70.000	C			20.000	G			80	
PTC115	NS 41	92	MAL	45	20	3.0	.500	.250	A			700.000	G			35	
PTC116	NS 605	3	MAL	70	60	30.0	10.000	150.000	C			2.000	G			60	
PTC117	NS 211	5	MAL	320	320	7.0	.100	1.000	C			50.000	G			100	
PTC118	NS 605	3	MAL	400	320	3.0	10.000	125.000	C			1.000	G			65	
PTC119	NS 605	3	MAL	80	60	5.0	15.000	115.000	C			.700	G			40	
PTC120	PG 605	66	MAL	45	30	10.0	5.000	57.000	C			.350	G			100	
PTC121	NS 41	92	MAL	70	50	5.0	.100	.500	A			100.000	G			220	
PTC122	PG 605	3	MAL	350	350S	2.0	10.000	56.000	C			1.000	G			40	
PTC123	NS 211	5	MAL	110	60	6.0	.600	.500	A			85.000	G			350	
PTC124	NS 48	126	MAL	375	350	3.0	.500	21.000	C			15.000	G			80	
PTC125	NS 211	5	MAL	140	80	7.0	.500	.800	A			50.000	G			180	
PTC126	NS 217	72	MAL	20	20	3.0	.025	.310	A			700.000	G			80	
PTC127	PS 211	5	MAL	120	80	5.0	.500	.800	A			200.000	G			230	
PTC128	NS 540	60	MAL	50	25	6.0	3.300	45.000	C			175.000	G			20	
PTC129	NS 605	3	MAL	700	400	3.0	.500	100.000	C			1.000	G			10	
PTC130	NS 605	3	MAL	500	700	5.0	1.000	50.000	C			.700	G			40	
PTC131	PS 173	106	MAL	60	50	1.0	.200	.250	A			500.000	G			40	
PTC132	NS 41	92	MAL	45	45	45.0	.050	.180	A			800.000	G			100	
PTC133	NS 41	92	MAL	45	45	4.5	.180	.310	A			1200.000	G			130	
PTC134	NG 120	1	MAL	32	32	12.0	.500	.350	A			2.500	G	7µA	32	120	
PTC135	PG 120	1	MAL	35	32	12.0	.500	.900	A			2.300	G	15µA	25	120	
PTC136	NS 217	72	MAL	55	40	6.0	.800	.500	A			400.000	G	100NA	20	200	
PTC137	NS 54	220 AB	MAL	60	60	5.0	7.000	50.000	C			3.000	G	150µA	60	100	
PTC138	PG 605	3	MAL	75	50	5.0	5.000	25.000	C			.800	G	500µA	65	150	
PTC139	NS 41	92	MAL	30	25	6.0	.100	.310	A			150.000	G			140	
PTC140	NS 605	3	MAL	100	60	7.0	15.000	115.000	C			.800	G	500NA	100	90	
PTC141	PS 211	5	MAL	100	90	7.0	1.000	7.000	C			120.000	G	15µA	95	100	
PTC142	PS 211	5	MAL	60	40	7.0	3.000	6.000	C			200.000	G	500µA	40	60	
PTC143	NS 211	5	MAL	60	40	7.0	3.000	6.000	C			200.000	G	500µA	40	60	
PTC144	NS 211	5	MAL	120	90	7.0	1.000	5.000	C			150.000	G	100NA	100	100	
PTC153	NS 43	92	MAL	40	40		.200	.400	A			40.000	G				
RCA1E02	NS 605	66	RCA	200	175	5.0	2.000	35.000	C	200	J	AA,AD				90	.300
RCA1E03	PS 605	66	RCA	200	175	5.0	2.000	35.000	C	200	J	AA,AD				90	.300
RCA29	NS 54	220 AB	RCA	40	40	5.0	3.000	30.000	C	150	J	3.000	G	200µA	40	45	1.000
RCA29A	NS 54	220 AB	RCA	60	60	5.0	3.000	30.000	C	150	J	3.000	G	200µA	60	45	1.000
RCA29B	NS 54	220 AB	RCA	80	80	5.0	3.000	30.000	C	150	J	3.000	G	200µA	80	45	1.000
RCA29C	NS 54	220 AB	RCA	100	100	5.0	3.000	30.000	C	150	J	3.000	G	200µA	100	45	1.000
RCA30	PS 54	220 AB	RCA	40	40	5.0	3.000	30.000	C	150	J	3.000	G	200µA	40	45	1.000
RCA30A	PS 54	220 AB	RCA	60	60	5.0	3.000	30.000	C	150	J	3.000	G	200µA	60	45	1.000
RCA30B	PS 54	220 AB	RCA	80	80	5.0	3.000	30.000	C	150	J	3.000	G	200µA	80	45	1.000
RCA30C	PS 54	220 AB	RCA	100	100	5.0	3.000	30.000	C	150	J	3.000	G	200µA	100	45	1.000
RCA31	NS 54	220 AB	RCA	40	40	5.0	5.000	40.000	C	150	J	3.000	G	200µA	40	30	3.000
RCA31A	NS 54	220 AB	RCA	60	60	5.0	5.000	40.000	C	150	J	3.000	G	200µA	60	30	3.000
RCA31B	NS 54	220 AB	RCA	80	80	5.0	5.000	40.000	C	150	J	3.000	G	200µA	80	30	3.000
RCA31C	NS 54	220 AB	RCA	100	100	5.0	5.000	40.000	C	150	J	3.000	G	200µA	100	30	3.000
RCA32	PS 54	220 AB	RCA	40	40	5.0	5.000	40.000	C	150	J	3.000	G	200µA	40	30	3.000
RCA32A	PS 54	220 AB	RCA	60	60	5.0	5.000	40.000	C	150	J	3.000	G	200µA	60	30	3.000
RCA32B	PS 54	220 AB	RCA	80	80	5.0	5.000	40.000	C	150	J	3.000	G	200µA	80	30	3.000
RCA32C	PS 54	220 AB	RCA	100	100	5.0	5.000	40.000	C	150	J	3.000	G	200µA	100	30	3.000
RCA41	NS 54	220 AB	RCA	40	40	5.0	7.000	65.000	C	150	J	3.000	G	400µA	40	83	3.000
RCA41A	NS 54	220 AB	RCA	60	60	5.0	7.000	65.000	C	150	J	3.000	G	400µA	60	83	3.000
RCA41B	NS 54	220 AB	RCA	80	80	5.0	7.000	65.000	C	150	J	3.000	G	400µA	80	83	3.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
RCA41C	NS 54	220 AB	RCA	100	100	5.0	7.000	65.000	C	150	J	3.000	G	400µA	100	83	3.000
RCA42	PS 54	220 AB	RCA	40	40	5.0	7.000	65.000	C	150	J	3.000	G	400µA	40	83	3.000
RCA42A	PS 54	220 AB	RCA	60	60	5.0	7.000	65.000	C	150	J	3.000	G	400µA	60	83	3.000
RCA42B	PS 54	220 AB	RCA	80	80	5.0	7.000	65.000	C	150	J	3.000	G	400µA	80	83	3.000
RCA42C	PS 54	220 AB	RCA	100	100	5.0	7.000	65.000	C	150	J	3.000	G	400µA	100	83	3.000
RCA2001			SEE RF POWER SECTION														
RCA2003			SEE RF POWER SECTION														
RCA2005			SEE RF POWER SECTION														
RCA2010			SEE RF POWER SECTION														
RCA2310			SEE RF POWER SECTION														
RCA3001			SEE RF POWER SECTION														
RCA3003			SEE RF POWER SECTION														
RCA3005			SEE RF POWER SECTION														
RCA3054	NS 54	220 AB	RCA	90	55	7.0	4.000	36.000	C	150	J	.800	G	1MA	90	63	.500
RCA3055	NS 54	220 AB	RCA	100	60	7.0	15.000	75.000	C	150	J	.800	G	5MA	100	45	4.000
RCA3441	NS 54	220 AB	RCA	160	140	7.0	3.000	36.000	C	150	J	.200	G			85	.500
RCA6263	NS 54	220 AB	RCA	140	120	7.0	3.000	36.000	C	150	J	.200	G			85	.500
RCA-1000	NS 605	3	RCA	60	60	5.0	8.000	90.000	C	200	J			500µA	30	800	4.000
RCA-1001	NS 605	3	RCA	80	80	5.0	8.000	90.000	C	200	J			500µA	40	800	4.000
RT482	NS 210	5	RAY	20	20	5.0		.600	A	150	J	40.000	G	2µA	10	40	
RT483	NS 210	5	RAY	40	20	5.0		.600	A	150	J	40.000	G	2µA	30	20	
RT484	NS 210	5	RAY	40	20	5.0		.600	A	150	J	40.000	G	2µA	30	40	
RT697M	NS 210	54	RAY	60	40	5.0		.400	A	175	J	50.000	G	1µA	30	70	
RT699M	NS 210	54	RAY	120	80	5.0		.400	A	175	J	50.000	G	2µA	60	65	
RT1890M	NS 211	46	RAY	100	60	7.0		3.000	C	200	A	50.000	G	10NA	75	160	
RT1893	NS 211	46	RAY	120	80	7.0		3.000	C	200	A	50.000	G	10NA	90	80	
RT5151	NS 210	5	RAY	45	20	4.0		.600	A	150	J			1µA	20	60	
RT5152	NS 210	5	RAY	45	20	4.0		.600	A	150	J			1µA	20	60	
RT5203	NS 211	5	RAY	40		5.0		.600	A	150	J			2µA	40		
RT5204	NS 210	5	RAY	30	30S	5.0		.600	A	150	J	40.000	G	1µA	15	70	
RT5212	NS 210	5	RAY	60	60S	5.0		.600	A	150	A	40.000	G	1µA	30	70	
RT5230			SEE 2N2309														
RT5401	NS 211	5	RAY	30	20	7.0	.750	.700	A	200	J	100.000	G	1µA	30	100	
RT5402	NS 211	5	RAY	30	18	7.0	.750	.700	A	200	J	100.000	G	1µA	30	120	
RT5403	NS 211	5	RAY	60	24	7.0	.750	.700	A	200	J	90.000	G	1µA	30	100	
RT5404	NS 211	5	RAY	60	22	7.0	.750	.700	A	200	J	90.000	G	1µA	30	100	
RT-100	NS 210	5	SPR	30	30	4.0	.100	.800	A			.150	G			100	.250
RT-101	NS 210	5	SPR	30	30	4.0	.500	.800	A			.150	G			100	
RT-102	NS 210	18	SPR	30	30	4.0	.300	.500	A			.150	G			100	.150
RT-103	PS 210	18	SPR	30	30	4.0	.300	.500	A			.150	G			100	
RT-104	NS 45	98	SPR	25	25	4.0	.100	.300	A			.100	G			100	
RT-105	NS 45	98	SPR	30	30	4.0	.100	.300	A			.150	G			200	
RT-106	PS 45	98	SPR	30	30	4.0	.100	.300	A			.150	G			150	
RT-107	NS 45	98	SPR	30	25	3.0	.100	3.000	A			400.000	G			50	
RT-108	NS 168 B		SPR	30	25	3.0	.100	.300	A			.650	G			50	.050
RT-109	NS 45	98	SPR	60	60	4.0	.100	.300	A			.200	G			50	
RT-110	NS 210	39	SPR	300	300	5.0	.100	1.000	A			.080	G			60	.050
RT-111	NS 52 A		SPR	300	300	5.0	.100	1.667	C			.080	G			60	.050
RT-112	NS 217	72	SPR	30	25	3.0	.110	.250	A			.700	G			50	
RT-113	NS 217	72	SPR	30	25	3.0	.050	.150	A			.700	G			30	.025
RT-114	NS 210	5	SPR	120	100	7.0	2.000	1.000	A			.090	G			80	.500
RT-115	PS 210	5	SPR	120	100	7.0	2.000	1.000	A			.090	G			80	1.000
RT-118	PS 168 B		SPR	25	20	20.0	.100	.150	A			5.000	G			40	.050
RT-119	NG 210	5	SPR	25	20R	20.0	.300	.150	A			5.000	G			40	.150
RT-120	PS 168 B		SPR	30	16	20.0	.100	.150	A			5.000	G			90	.050
RT-121	PS 45	98	SPR	32	32	12.0	.100	.900	A			5.000	G			120	.050
RT-122	NG 210	5	SPR	30	16R	20.0	.250	.900	A			2.000	G			90	.125
RT-124	PG 605	3	SPR	50	35	20.0	7.000	90.000	C			.010	G			90	3.500
RT-126	PS 41	92	SPR	35	15	1.0	.100	.300	A			300.000	G			20	.050
RT-127	PG 605	3	SPR	65	45	15.0	7.000	90.000	C			.022	G			60	3.500
RT-128	NS 605	66	SPR	300	300	5.0	.400	10.000	A			30.000	G			80	
RT-131	NS 605	3	SPR	80	60	5.0	15.000	115.000	C			.800	G			40	7.500
RT-133	NS 56 C		SPR	60	60	5.0	4.000	40.000	A			3.000	G			60	
RT-135	NS 54 B		SPR	300	300	3.0	.500	20.800	C			10.000	G			30	.250
RT-147	PG 605	3	SPR	90	90	3.0	25.000	106.000	C			.300	G			55	12.500
RT-148	PS 605	3	SPR	100	100	4.0	30.000	200.000	C			2.000	G			25	15.000
RT-149	NS 605	3	SPR	100	100	4.0	30.000	200.000	C			2.000	G			25	15.000
RT-150	NS 54 B		SPR	80	80	4.0	10.000	90.000	C			2.000	G			30	5.000
RT-151	PS 54 B		SPR	80	80	4.0	10.000	90.000	C			2.000	G			30	5.000
RT-152	NS 56 C		SPR	60	60	5.0	4.000	40.000	A			2.000	G			30	
RT-153	PS 56 C		SPR	60	60	5.0	4.000	40.000	A			2.000	G			30	
RT-154	NS 54 B		SPR	60	60	5.0	4.000	40.000	C			3.000	G			80	2.000
RT-155	PS 54 B		SPR	60	60	5.0	4.000	40.000	C			3.000	G			80	2.000
RT-156	NS 56 C		SPR	80	80	4.0	1.000	5.000	A			3.000	G			50	
RT-164	PS 56 D		SPR	70	50	7.0	10.000	125.000	A			6.000	G			60	
RT-165	NS 56 D		SPR	70	50	7.0	10.000	125.000	A			6.000	G			60	
S2N1486	NS 170	8	STC	100	55	12.0	3.000	25.000	C	200	J	1.250	B	15µA	30	60	.750
S2N2034A	NS 211	5	STC	80	70	10.0	3.000	8.500	C	200	C	1.000	G	150µA	80	35	1.000
S15649	NS 170 F		FSC	30	25	6.0		.200	A	125	J	20.000	G	50NA	25	350	.001
S15650	NS 170 F		FSC	30	25	6.0		.200	A	125	J	40.000	G	50NA	25	300	.001
S15657	NS 170 F		FSC	40	15	4.0		.200	A	125	J	400.000	G	50NA	15	70	.002
S15658	NS 170 F		FSC	40	15	4.0		.200	A	125	J	400.000	G	50NA	15	70	.015
S15659	NS 211	5	FSC	40	20	4.0		.600	A	200	J	500.000	G	50NA	20	70	.050
S15660	NS 211 K		FSC	40	15	4.0	1.000	.600	A	200	J	400.000	G	500µA	40	60	.300
S18100	PS 909	50	FSC	60	60	4.0		.400	A	200	J	130.000	G	10NA	25	70	.050
S18200	NS 909	50	FSC	100	60	7.0		.400	A	200	J	60.000	G	10NA	60	100	.150
SA310	PS 229	5	SPR	30	10		.050	.150	A	140	J	10.000	G	10NA	15	30	
SA311	PS 229	5	SPR	30	16		.050	.150	A	140	J	10.000	G	10NA	15	30	
SA312	PS 229	5	SPR	30	10		.050	.150	A	140	J	18.000	G	10NA	15	30	
SA313	PS 229	5	SPR	30	20		.050	.150	A	140	J	17.000	G	10NA	15	30	
SA314	PS 229	5	SPR	30	15		.050	.150	A	140	J	17.000	G	20NA	15	30	
SA315	PS 229	5	SPR	30	12		.050	.150	A	140	J	18.000	G	20NA	15	30	
SA316	PS 229	5	SPR	30	10		.050	.150	A	140	J	17.000	G	23NA	10	20	
SA410	PS 229	18	SPR	30	10		.050	.150	A	140	J	10.000	G	10NA	15	30	
SA411	PS 229	18	SPR	30	6		.050	.150	A	140	J	10.000	G	10NA	15	30	
SA412	PS 229	18	SPR	30	10		.050	.150	A	140	J	8.000	G	10NA	15	30	
SA413	PS 229	18	SPR	30	20		.050	.150	A	140	J	7.000	G	10NA	15	30	
SA414	PS 229	18	SPR	30	15		.050	.150	A	140	J	7.000	G	20NA	15	30	
SA415	PS 229	18	SPR	30	12		.050	.150	A	140	J	8.000	G	20NA	15	30	
SA416	PS 229	18	SPR	30	10		.050	.150	A	140	J	7.000	G	3NA	10	20	
SA537	PS 120	1	SPR	25	20		.050	.150	A	140	J			100NA	6	15	.005
SA538	PS 120	1	SPR	10	6		.050	.150	A	140	J			100NA	5	15	.005
SA539	PS 210	18	SPR	25	20		.050	.150	A	140	J			100NA	6	15	.005
SA540	PS 210	18	SPR	10	6		.050	.150	A	140	J			100NA	5	15	.005
SB100	PG 105	24	PHL	5			.005	.020	A	55	J	60.000	F	3µA	5	20	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND			I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
SB101			SEE 2N344														
SB102			SEE 2N345														
SB103			SEE 2N346														
SB200	PG 105	24	PHL	5			.005	.020	A	55	J	30.000	F	3μA	5	14	
SDG600	PG 605	3	PD	75	50	1.5	25.000									50	5.000
SDG601	PG 605	3	GPD	75	60	1.5	25.000									50	5.000
SDG602	PG 605	3	GPD	75	70	1.5	25.000									50	5.000
SDG603	PG 605	3	GPD	90	80	1.5	25.000									50	5.000
SDG604	PG 605	3	GPD	30	20	1.5	50.000	170.000	C	110	S					60	20.000
SDG605	PG 605	3	GPD	45	30	1.5	50.000	170.000	C	110	S					60	20.000
SDG606	PG 605	3	GPD	60	45	1.5	50.000	170.000	C	110	S					60	20.000
SDG607	PG 605	3	GPD	75	60	1.5	50.000	170.000	C	110	S					60	20.000
SDT7A01	NS 605	66	SOL	60	40	8.0	10.000	40.000	H					500NA	30	70	5.000
SDT7A02	NS 605	66	SOL	80	60	8.0	10.000	40.000	H					500NA	30	70	5.000
SDT7A03	NS 605	66	SOL	100	80	8.0	10.000	40.000	H					500NA	60	70	5.000
SDT7A04	NS 605	66	SOL	140	120	8.0	10.000	40.000	H					500NA	60	70	5.000
SDT7A05	NS 605	66	SOL	170	150	8.0	10.000	40.000	H					500NA	100	70	5.000
SDT7A06	NS 605	66	SOL	220	200	8.0	10.000	40.000	H					500NA	100	70	5.000
SDT7B01	NS 568	111	SOL	80	60	5.0	10.000	30.000	H					1μA	60	70	5.000
SDT7B02	NS 568	111	SOL	100	80	5.0	10.000	30.000	H					1μA	60	70	5.000
SDT7B03	NS 568	111	SOL	120	100	5.0	10.000	30.000	H					1μA	60	70	5.000
SDT7B04	NS 568	111	SOL	140	120	5.0	10.000	30.000	H					1μA	60	70	5.000
SDT7B05	NS 568	111	SOL	80	60	5.0	10.000	30.000	H					1μA	60	30	5.000
SDT7B06	NS 568	111	SOL	100	80	5.0	10.000	30.000	H					1μA	60	30	5.000
SDT7B07	NS 568	111	SOL	120	100	5.0	10.000	30.000	H					1μA	60	30	5.000
SDT7B08	NS 568	111	SOL	140	120	5.0	10.000	30.000	H					1μA	60	30	5.000
SDT1001	NS 605	3	SOL		200	5.0	3.500	100.000	H	200	J	5.000	G	5MA	200	20	1.000
SDT1002	NS 605	3	SOL		250	5.0	3.500	100.000	H	200	J	5.000	G	5MA	250	20	1.000
SDT1003	NS 605	3	SOL		300	5.0	3.500	100.000	H	200	J	5.000	G	500μA	300	40	1.000
SDT1004	NS 605	3	SOL		350	5.0	3.500	100.000	H	200	J	5.000	G	500μA	350	40	1.000
SDT1005	NS 605	3	SOL		400	5.0	3.500	100.000	H	200	J	5.000	G	500μA	400	40	1.000
SDT1006	NS 605	3	SOL		450	5.0	3.500	100.000	H	200	J	5.000	G	500μA	450	40	1.000
SDT1007	NS 605	3	SOL		500	5.0	3.500	100.000	H	200	J	5.000	G	500μA	500	40	1.000
SDT1011	NS 605	3	SOL		200	5.0	5.000	100.000	H	200	J	5.000	G	10MA	200	20	3.000
SDT1012	NS 605	3	SOL		250	5.0	5.000	100.000	H	200	J	5.000	G	10MA	250	20	3.000
SDT1013	NS 605	3	SOL		300	5.0	5.000	100.000	H	200	J	5.000	G	5MA	300	38	3.000
SDT1014	NS 605	3	SOL		350	5.0	5.000	100.000	H	200	J	5.000	G	5MA	350	38	3.000
SDT1015	NS 605	3	SOL		400	5.0	5.000	100.000	H	200	J	5.000	G	5MA	400	38	3.000
SDT1016	NS 605	3	SOL		450	5.0	5.000	100.000	H	200	J	5.000	G	5MA	450	38	3.000
SDT1017	NS 605	3	SOL		500	5.0	5.000	100.000	H	200	J	5.000	G	5MA	500	38	3.000
SDT1050	NS 605	3	SOL	250	200	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1051	NS 605	3	SOL	400	325	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1052	NS 605	3	SOL	500	400	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1053	NS 605	3	SOL	600	400	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1054	NS 605	3	SOL	700	400	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1055	NS 605	3	SOL	250	200	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1056	NS 605	3	SOL	400	325	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1057	NS 605	3	SOL	500	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1058	NS 605	3	SOL	600	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1059	NS 605	3	SOL	700	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1060	NS 605	3	SOL	250	200	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1061	NS 605	3	SOL	400	325	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1062	NS 605	3	SOL	500	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1063	NS 605	3	SOL	600	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1064	NS 605	3	SOL	700	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1150	NS 605	66	SOL	250	200	8.0	5.000	40.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1151	NS 605	66	SOL	400	325	8.0	5.000	40.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1152	NS 605	66	SOL	500	400	8.0	5.000	40.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1153	NS 605	66	SOL	600	400	8.0	5.000	40.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1154	NS 605	66	SOL	700	400	8.0	5.000	40.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1155	NS 605	66	SOL	250	200	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1156	NS 605	66	SOL	400	325	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1157	NS 605	66	SOL	500	400	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1158	NS 605	66	SOL	600	400	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1159	NS 605	66	SOL	700	400	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1160	NS 605	66	SOL	250	200	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1161	NS 605	66	SOL	400	325	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1162	NS 605	66	SOL	500	400	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1163	NS 605	66	SOL	600	400	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1164	NS 605	66	SOL	700	400	8.0	5.000	40.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1250	NS 561	61	SOL	250	200	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1251	NS 561	61	SOL	400	325	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1252	NS 561	61	SOL	500	400	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1253	NS 561	61	SOL	600	400	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1254	NS 561	61	SOL	700	400	8.0	5.000	80.000	H	200	J	50.000	G	5MA	100	23	1.000
SDT1255	NS 561	61	SOL	250	200	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1256	NS 561	61	SOL	400	325	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1257	NS 561	61	SOL	500	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1258	NS 561	61	SOL	600	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1259	NS 561	61	SOL	700	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	23	2.000
SDT1260	NS 561	61	SOL	250	200	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1261	NS 561	61	SOL	400	325	8.0	5.000	80.000	H	200	J	50.000	G	1MA	15	15	3.000
SDT1262	NS 561	61	SOL	500	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1263	NS 561	61	SOL	600	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1264	NS 561	61	SOL	700	400	8.0	5.000	80.000	H	200	J	50.000	G	1MA	150	15	3.000
SDT1808	PG 403	68	GPD	80	60		60.000	170.000	C	110	J					22	50.000
SDT1809	PG 403	68	GPD	60	45		60.000	170.000	C	110	J					22	50.000
SDT1810	PG 403	68	GPD	40	30		60.000	170.000	C	110	J					22	50.000
SDT1860	PG 403	68	GPD	80	60	30.0	65.000	170.000	C	110	J	.340	G			30	65.000
SDT1861	PG 403	68	GPD	60	45	30.0	65.000	170.000	C	110	J	.340	G			30	65.000
SDT1862	PG 403	68	GPD	40	30	20.0	65.000	170.000	C	110	J	.340	G	5MA	40	30	65.000
SDT1908	PG 176 E		GPD	80	60		60.000	140.000	C	110	J					22	50.000
SDT1909	PG 176 E		GPD	60	45		60.000	140.000	C	110	J					22	50.000
SDT1910	PG 176 E		GPD	40	30		60.000	140.000	C	110	J					22	50.000
SDT1960	PG 176 E		GPD	80	60	30.0	65.000	140.000	C	110	J	.340	G	5MA	80	30	65.000
SDT1961	PG 176 E		GPD	60	45	30.0	65.000	140.000	C	110	J	.340	G	5MA	60	30	65.000
SDT1962	PG 176 E		GPD	40	30	20.0	65.000	140.000	C	110	J	.340	G	5MA	40	30	65.000
SDT2008	PG 571 A		GPD	80	60		60.000	140.000	C	110	J					22	50.000
SDT2009	PG 571 A		GPD	60	45		60.000	140.000	C	110	J					22	50.000
SDT2010	PG 571 A		GPD	40	30		60.000	140.000	C	110	J					22	50.000
SDT2101	PG 390 A		SOL	10	5		200.000	100.000	C	100	J					60	
SDT2110	PG 390 A		SOL	10	5		200.000	100.000	C	100	J					60	99.000
SDT2111	PG 390 A		SOL	10	5		200.000	100.000	C	100	J					60	99.000
SDT2112	PG 390 A		SOL	10	5		200.000	100.000	C	100	J					60	99.000
SDT2150	PG 390 B		SOL	10	5		200.000	100.000	C	100	J					60	99.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
SDT2151	PG 390 B		SOL	10	5		200.000	100.000	C	100 J					60	99.000
SDT2152	PG 390 B		SOL	10	5		200.000	100.000	C	100 J					60	99.000
SDT2205	PG 176 E		SOL	10	5		50.000	120.000	C	110 J					60	50.000
SDT2305	PG 403	68	SOL	10	5		50.000	120.000	C	110 J					60	50.000
SDT3101	PS 560	61	SOL		40	6.0	10.000	50.000	H	200 J	40.000	G	10μA	40	52	10.000
SDT3102	PS 560	61	SOL		60	6.0	10.000	50.000	H	200 J	40.000	G	10μA	60	52	10.000
SDT3103	PS 560	61	SOL		80X	6.0	10.000	50.000	H		30.000	G	10μA	80	52	10.000
SDT3104	PS 560	61	SOL		100X	6.0	10.000	50.000	H		30.000	G	10μA	100	52	10.000
SDT3105	PS 560	61	SOL		40	6.0	10.000	50.000	H	200 J	40.000	G	10μA	40	52	5.000
SDT3106	PS 560	61	SOL		60	6.0	10.000	50.000	H	200 J	40.000	G	10μA	60	52	5.000
SDT3107	PS 560	61	SOL		80X	6.0	10.000	50.000	H		30.000	G	10μA	80	52	5.000
SDT3108	PS 560	61	SOL		100X	6.0	10.000	50.000	H		30.000	G	10μA	100	52	5.000
SDT3109	PS 560	61	SOL		120	6.0	10.000	50.000	H	200 J	40.000	G	10μA	120	52	5.000
SDT3125	PS 568	111	SOL		40X	6.0	10.000	30.000	H		30.000	G	10μA	40	40	5.000
SDT3126	PS 568	111	SOL		60X	6.0	10.000	30.000	H		30.000	G	10μA	60	40	5.000
SDT3127	PS 568	111	SOL		80X	6.0	10.000	30.000	H		30.000	G	10μA	80	40	5.000
SDT3128	PS 568	111	SOL		100X	6.0	10.000	30.000	H		30.000	G	10μA	100	40	5.000
SDT3129	PS 568	111	SOL		120X	6.0	10.000	30.000	H		30.000	G	10μA	120	40	5.000
SDT3201	NS 560	61	SOL		120X	6.0	10.000	50.000	H		30.000	G	10μA	40	52	10.000
SDT3202	NS 560	61	SOL		60X	6.0	10.000	50.000	H		30.000	G	10μA	60	52	10.000
SDT3203	NS 560	61	SOL		80X	6.0	10.000	50.000	H		30.000	G	10μA	80	52	10.000
SDT3204	NS 560	61	SOL		100X	6.0	10.000	50.000	H		30.000	G	10μA	100	52	10.000
SDT3205	NS 560	61	SOL		40X	6.0	10.000	50.000	H		30.000	G	10μA	40	52	5.000
SDT3206	NS 560	61	SOL		60X	6.0	10.000	50.000	H		30.000	G	10μA	60	52	5.000
SDT3207	NS 560	61	SOL		80X	6.0	10.000	50.000	H		30.000	G	10μA	80	52	5.000
SDT3208	NS 560	61	SOL		100X	6.0	10.000	50.000	H		30.000	G	10μA	100	52	5.000
SDT3209	NS 560	61	SOL		120X	6.0	10.000	50.000	H		30.000	G	10μA	120	52	5.000
SDT3225	NS 568	111	SOL		40X	6.0	10.000	30.000	H		30.000	G	10μA	40	40	5.000
SDT3226	NS 568	111	SOL		60X	6.0	10.000	30.000	H		30.000	G	10μA	60	40	5.000
SDT3227	NS 568	111	SOL		80X	6.0	10.000	30.000	H		30.000	G	10μA	80	40	5.000
SDT3228	NS 568	111	SOL		100X	6.0	10.000	30.000	H		30.000	G	10μA	100	40	5.000
SDT3229	NS 568	111	SOL		120X	6.0	10.000	30.000	H		30.000	G	10μA	120	40	5.000
SDT3301	PS 568	111	SOL		40X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	40	70	2.000
SDT3302	PS 568	111	SOL		60X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	60	70	2.000
SDT3303	PS 568	111	SOL		80X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	80	70	2.000
SDT3304	PS 568	111	SOL		100X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	100	70	2.000
SDT3305	PS 568	111	SOL		40X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	40	35	2.000
SDT3306	PS 568	111	SOL		60X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	60	35	2.000
SDT3307	PS 568	111	SOL		80X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	80	35	2.000
SDT3308	PS 568	111	SOL		100X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	100	35	2.000
SDT3309	PS 568	111	SOL		120X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	120	35	2.000
SDT3321	PS 211	5	SOL		40X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	40	70	2.000
SDT3322	PS 211	5	SOL		60X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	60	70	2.000
SDT3323	PS 211	5	SOL		80X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	80	70	2.000
SDT3324	PS 211	5	SOL		100X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	100	70	2.000
SDT3325	PS 211	5	SOL		40X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	40	35	2.000
SDT3326	PS 211	5	SOL		60X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	60	35	2.000
SDT3327	PS 211	5	SOL		80X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	80	35	2.000
SDT3328	PS 211	5	SOL		100X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	100	35	2.000
SDT3329	PS 211	5	SOL		120X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	120	35	2.000
SDT3401	NS 568	111	SOL		40X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	40	70	2.000
SDT3402	NS 568	111	SOL		60X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	60	70	2.000
SDT3403	NS 568	111	SOL		80X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	80	70	2.000
SDT3404	NS 568	111	SOL		100X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	100	70	2.000
SDT3405	NS 568	111	SOL		40X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	40	35	2.000
SDT3406	NS 568	111	SOL		60X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	60	35	2.000
SDT3407	NS 568	111	SOL		80X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	80	35	2.000
SDT3408	NS 568	111	SOL		100X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	100	35	2.000
SDT3409	NS 568	111	SOL		120X	6.0	5.000	30.000	H	200 J	40.000	G	10μA	120	35	2.000
SDT3421	NS 211	5	SOL		40X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	40	70	2.000
SDT3422	NS 211	5	SOL		60X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	60	70	2.000
SDT3423	NS 211	5	SOL		80X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	80	70	2.000
SDT3424	NS 211	5	SOL		100X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	100	70	2.000
SDT3425	NS 211	5	SOL		40X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	40	35	2.000
SDT3426	NS 211	5	SOL		60X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	60	35	2.000
SDT3427	NS 211	5	SOL		80X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	80	35	2.000
SDT3428	NS 211	5	SOL		100X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	100	35	2.000
SDT3429	NS 211	5	SOL		120X	6.0	5.000	4.000	H	200 J	40.000	G	10μA	120	35	2.000
SDT3501	PS 211	5	SOL	40	40	6.0	2.000	4.000	H	200 J	50.000	G	100NA	30	45	.500
SDT3502	PS 211	5	SOL	60	60	6.0	2.000	4.000	H	200 J	50.000	G	100NA	40	45	.500
SDT3503	PS 211	5	SOL	80	80	6.0	2.000	4.000	H	200 J	50.000	G	100NA	60	45	.500
SDT3504	PS 211	5	SOL	100	100	6.0	2.000	4.000	H	200 J	50.000	G	100NA	80	45	.500
SDT3505	PS 211	5	SOL	40	40	6.0	2.000	4.000	H	200 J	50.000	G	100NA	30	88	.500
SDT3506	PS 211	5	SOL	60	60	6.0	2.000	4.000	H	200 J	50.000	G	100NA	40	88	.500
SDT3507	PS 211	5	SOL	80	80	6.0	2.000	4.000	H	200 J	50.000	G	100NA	60	88	.500
SDT3508	PS 211	5	SOL	100	100	6.0	2.000	4.000	H	200 J	50.000	G	100NA	80	88	.500
SDT3509	PS 605	66	SOL	40	40	6.0	2.000	16.600	H	200 J	50.000	G	100NA	30	45	.500
SDT3510	PS 605	66	SOL	60	60	6.0	2.000	16.600	H	200 J	50.000	G	100NA	40	45	.500
SDT3511	PS 605	66	SOL	80	80	6.0	2.000	16.600	H	200 J	50.000	G	100NA	60	45	.500
SDT3512	PS 605	66	SOL	100	100	6.0	2.000	16.600	H	200 J	50.000	G	100NA	80	45	.500
SDT3513	PS 605	66	SOL	40	40	6.0	2.000	16.600	H	200 J	50.000	G	100NA	30	88	.500
SDT3514	PS 605	66	SOL	60	60	6.0	2.000	16.600	H	200 J	50.000	G	100NA	40	88	.500
SDT3515	PS 605	66	SOL	80	80	6.0	2.000	16.600	H	200 J	50.000	G	100NA	60	88	.500
SDT3516	PS 605	66	SOL	100	100	6.0	2.000	16.600	H	200 J	50.000	G	100NA	80	88	.500
SDT3550	PS 211	5	SOL	60	60	6.0	2.000	5.000	H				100μA	60	55	.250
SDT3551	PS 211	5	SOL	80	80	6.0	2.000	5.000	H				100μA	80	55	.250
SDT3552	PS 211	5	SOL	40	40	5.0	2.000	5.000	H				100μA	40	45	.500
SDT3553	PS 211	5	SOL	60	60	5.0	2.000	5.000	H				100μA	60	45	.500
SDT3554	PS 211	5	SOL	80	80	5.0	2.000	5.000	H				100μA	80	45	.500
SDT3575	PS 605	66	SOL	40	40	6.0	2.000	40.000	H				100μA	40	68	.250
SDT3576	PS 605	66	SOL	60	60	6.0	2.000	40.000	H				100μA	60	68	.250
SDT3577	PS 605	66	SOL	80	80	6.0	2.000	40.000	H				100μA	80	68	.250
SDT3578	PS 605	66	SOL	40	40	5.0	2.000	40.000	H				100NA	20	50	.500
SDT3579	PS 605	66	SOL	60	60	5.0	2.000	40.000	H				100μA	30	50	.500
SDT3601	PS 403	68	SOL		40X	5.0	60.000	100.000	H	200 J	2.500	G	10μA	40	20	4.000
SDT3602	PS 403	68	SOL		60X	5.0	60.000	100.000	H	200 J	2.500	G	10μA	60	20	4.000
SDT3603	PS 403	68	SOL		80X	5.0	60.000	100.000	H	200 J	2.500	G	10μA	80	20	4.000
SDT3604	PS 403	68	SOL		100X	5.0	60.000	100.000	H	200 J	2.500	G	10μA	100	20	4.000
SDT3620	PS 403	68	SOL	80	60	8.0	70.000	100.000	H				10μA	60	15	75.000
SDT3621	PS 403	68	SOL	100	80	8.0	70.000	100.000	H				10μA	60	15	75.000
SDT3622	PS 403	68	SOL	120	100	8.0	70.000	100.000	H				10μA	60	15	75.000
SDT3623	PS 403	68	SOL	140	120	8.0	70.000	100.000	H				10μA	60	15	75.000
SDT3701	PS 605	66	SOL	40	40	6.0	5.000	40.000	H				1MA	40	47	1.000
SDT3702	PS 605	66	SOL	60	60	6.0	5.000	40.000	H				1MA	60	47	1.000
SDT3703	PS 605	66	SOL	40	40	5.0	5.000	40.000	H				100μA	40	40	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
SDT3704	PS 605	66	SOL	60	60	5.0	5.000	40.000	H					100μA	60	40	1.000
SDT3705	PS 605	66	SOL	80	80	5.0	5.000	40.000	H					100μA	80	40	1.000
SDT3706	PS 605	66	SOL	30	30	4.0	5.000	40.000	H					200μA	25	35	1.000
SDT3707	PS 605	66	SOL	45	45	4.0	5.000	40.000	H					200μA	40	35	1.000
SDT3708	PS 605	66	SOL	60	60	4.0	5.000	40.000	H					200μA	54	35	1.000
SDT3709	PS 605	66	SOL	30	30	4.0	5.000	40.000	H					200μA	25	95	1.000
SDT3710	PS 605	66	SOL	45	45	4.0	5.000	40.000	H					200μA	40	95	1.000
SDT3711	PS 605	66	SOL	60	60	4.0	5.000	40.000	H					200μA	54	95	1.000
SDT3712	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					75μA	40	35	2.000
SDT3713	PS 605	66	SOL	60	60	6.0	5.000	40.000	H					75μA	60	35	2.000
SDT3714	PS 605	66	SOL	80	80	6.0	5.000	40.000	H					75μA	80	35	2.000
SDT3715	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					75μA	40	35	2.000
SDT3716	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					1MA	40	21	1.000
SDT3717	PS 605	66	SOL	60	60	6.0	5.000	40.000	H					1MA	60	21	1.000
SDT3718	PS 605	66	SOL	80	80	6.0	5.000	40.000	H					1MA	80	21	1.000
SDT3719	PS 605	66	SOL	100	100	6.0	5.000	40.000	H					1MA	100	21	1.000
SDT3720	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					1MA	40	60	1.000
SDT3721	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					1MA	40	18	2.000
SDT3722	PS 605	66	SOL	60	60	6.0	5.000	40.000	H					1MA	60	18	2.000
SDT3723	PS 605	66	SOL	80	80	6.0	5.000	40.000	H					1MA	80	18	2.000
SDT3724	PS 605	66	SOL	100	100	6.0	5.000	40.000	H					1MA	100	18	2.000
SDT3725	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					1MA	40	60	2.000
SDT3726	PS 605	66	SOL	40	40	5.0	5.000	40.000	H					100μA	40	50	2.500
SDT3727	PS 605	66	SOL	60	60	5.0	5.000	40.000	H					100μA	60	50	2.500
SDT3728	PS 605	66	SOL	80	80	5.0	5.000	40.000	H					100μA	80	50	2.500
SDT3729	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					1MA	40	18	3.000
SDT3730	PS 605	66	SOL	60	60	6.0	5.000	40.000	H					1MA	60	18	3.000
SDT3731	PS 605	66	SOL	80	80	6.0	5.000	40.000	H					1MA	80	18	3.000
SDT3732	PS 605	66	SOL	100	100	6.0	5.000	40.000	H					1MA	100	18	3.000
SDT3733	PS 605	66	SOL	40	40	6.0	5.000	40.000	H					1MA	40	60	3.000
SDT3750	PS 605	3	SOL	40	40	6.0	5.000	50.000	H					1MA	40	70	1.000
SDT3751	PS 605	3	SOL	60	60	6.0	5.000	50.000	H					1MA	60	70	1.000
SDT3752	PS 605	3	SOL		40	6.0	5.000	50.000	H					1MA	40	21	1.000
SDT3753	PS 605	3	SOL	60	60	6.0	5.000	50.000	H					1MA	60	21	1.000
SDT3754	PS 605	3	SOL	80	80	6.0	5.000	50.000	H					1MA	80	21	1.000
SDT3755	PS 605	3	SOL	100	100	6.0	5.000	50.000	H					1MA	100	21	1.000
SDT3756	PS 605	3	SOL	40	40	6.0	5.000	50.000	H					1MA	40	60	1.000
SDT3757	PS 605	3	SOL	40	40	6.0	5.000	50.000	H					1MA	40	18	2.000
SDT3758	PS 605	3	SOL	60	60	6.0	5.000	50.000	H					1MA	60	18	2.000
SDT3759	PS 605	3	SOL	80	80	6.0	5.000	50.000	H					1MA	80	18	2.000
SDT3760	PS 605	3	SOL	100	100	6.0	5.000	50.000	H					1MA	100	18	2.000
SDT3761	PS 605	3	SOL	40	40	6.0	5.000	50.000	H					1MA	40	60	2.000
SDT3762	PS 605	3	SOL	40	40	6.0	5.000	50.000	H					1MA	40	18	3.000
SDT3763	PS 605	3	SOL	60	60	6.0	5.000	50.000	H					1MA	60	18	3.000
SDT3764	PS 605	3	SOL	80	80	6.0	5.000	50.000	H					1MA	80	18	3.000
SDT3765	PS 605	3	SOL	100	100	6.0	5.000	50.000	H					1MA	100	18	3.000
SDT3766	PS 605	3	SOL	40	40	6.0	5.000	50.000	H					1MA	40	60	3.000
SDT3775	PS 211	5	SOL	40	40	6.0	5.000	4.000	H					75μA	40	35	2.000
SDT3776	PS 211	5	SOL	60	60	6.0	5.000	4.000	H					75μA	60	35	2.000
SDT3777	PS 211	5	SOL	80	80	6.0	5.000	4.000	H					75μA	80	35	2.000
SDT3778	PS 211	5	SOL	40	40	6.0	5.000	4.000	H					75μA	40	35	2.000
SDT3801	PS 605	66	SOL	60	60	6.0	15.000	40.000	H					1MA	60	47	1.000
SDT3802	PS 605	66	SOL	80	80	6.0	15.000	40.000	H					1MA	80	47	1.000
SDT3803	PS 605	66	SOL	60	60	6.0	15.000	40.000	H					1MA	60	95	1.000
SDT3804	PS 605	66	SOL	80	80	6.0	15.000	40.000	H					1MA	80	95	1.000
SDT3805	PS 605	66	SOL	40	40	5.0	10.000	40.000	H					100μA	40	40	5.000
SDT3806	PS 605	66	SOL	80	80	5.0	10.000	40.000	H					100μA	80	40	5.000
SDT3807	PS 605	66	SOL	40	40	5.0	10.000	40.000	H					100μA	40	60	5.000
SDT3825	PS 605	3	SOL	40	40	5.0	10.000	50.000	H					100μA	40	40	5.000
SDT3826	PS 605	3	SOL	80	80	5.0	10.000	50.000	H					100μA	80	40	5.000
SDT3827	PS 605	3	SOL	40	40	5.0	10.000	50.000	H					100μA	40	60	5.000
SDT3850	PS 605	66	SOL	40	40	5.0	10.000	40.000	H					100μA	40	40	10.000
SDT3851	PS 605	66	SOL	80	80	5.0	10.000	40.000	H					100μA	80	40	10.000
SDT3852	PS 605	66	SOL	40	40	5.0	10.000	40.000	H					100μA	40	60	10.000
SDT3875	PS 605	3	SOL	40	40	5.0	10.000	50.000	H					100μA	40	40	10.000
SDT3876	PS 605	3	SOL	80	80	5.0	10.000	50.000	H					100μA	80	40	10.000
SDT3877	PS 605	3	SOL	40	40	5.0	10.000	50.000	H					100μA	40	60	10.000
SDT3901	PS 563	114	SOL		40X	5.0	60.000	125.000	H	200	J	2.500	G	10μA	40	20	4.000
SDT3902	PS 563	114	SOL		60X	5.0	60.000	125.000	H	200	J	2.500	G	10μA	60	20	4.000
SDT3903	PS 563	114	SOL		80X	5.0	60.000	125.000	H	200	J	2.500	G	10μA	80	20	4.000
SDT3904	PS 563	114	SOL		100X	5.0	60.000	125.000	H	200	J	2.500	G	10μA	100	20	4.000
SDT3920	PS 563	114	SOL	80	60	8.0	100.000	125.000	H					10μA	60	15	75.000
SDT3921	PS 563	114	SOL	100	80	8.0	100.000	125.000	H					10μA	60	15	75.000
SDT3922	PS 563	114	SOL	120	100	8.0	100.000	125.000	H					10μA	60	15	75.000
SDT3923	PS 563	114	SOL	140	120	8.0	100.000	125.000	H					10μA	60	15	75.000
SDT4301	NS 211	5	SOL	40	40	10.0	2.000	5.000	H	200	J	4.000	G	150μA	30	35	.500
SDT4302	NS 211	5	SOL	60	60	10.0	2.000	5.000	H	200	J	4.000	G	150μA	40	35	.500
SDT4303	NS 211	5	SOL	80	80	10.0	2.000	5.000	H	200	J	4.000	G	150μA	60	35	.500
SDT4304	NS 211	5	SOL	40	40	10.0	2.000	5.000	H	200	J	4.000	G	150μA	30	70	.500
SDT4305	NS 211	5	SOL	60	60	10.0	2.000	5.000	H	200	J	4.000	G	150μA	40	70	.500
SDT4306	NS 211	5	SOL	80	80	10.0	2.000	5.000	H	200	J	4.000	G	150μA	60	70	.500
SDT4307	NS 211	5	SOL	40	40	10.0	2.000	5.000	H	200	J	4.000	G	150μA	30	35	1.000
SDT4308	NS 211	5	SOL	60	60	10.0	2.000	5.000	H	200	J	4.000	G	150μA	40	35	1.000
SDT4309	NS 211	5	SOL	8	80	10.0	2.000	5.000	H	200	J	4.000	G	150μA	60	35	1.000
SDT4310	NS 211	5	SOL	40	40	10.0	2.000	5.000	H	200	J	4.000	G	150μA	30	70	1.000
SDT4311	NS 211	5	SOL	60	60	10.0	2.000	5.000	H	200	J	4.000	G	150μA	40	70	1.000
SDT4312	NS 211	5	SOL	80	80	10.0	2.000	5.000	H	200	J	4.000	G	150μA	60	70	1.000
SDT4451	NS 211	5	SOL	80	40	8.0	5.000	1.250	A	200	J	70.000	G	1μA	60	35	1.000
SDT4452	NS 211	5	SOL	100	80	8.0	5.000	1.250	A	200	J	70.000	G	1μA	60	35	1.000
SDT4453	NS 211	5	SOL	80	40	8.0	5.000	1.250	A	200	J	70.000	G	1μA	60	70	1.000
SDT4454	NS 211	5	SOL	100	80	8.0	5.000	1.250	A	200	J	70.000	G	1μA	60	70	1.000
SDT4455	NS 211	5	SOL	80	40	8.0	5.000	1.250	A	200	J	70.000	G	1μA	60	150	1.000
SDT4456	NS 211	5	SOL	100	80	8.0	5.000	1.250	A	200	J	70.000	G	1μA	60	150	1.000
SDT4483	NS 211	5	SOL	60	40	5.0	5.000	1.250	A	200	J	70.000	G	1μA	60	35	1.000
SDT4551	NS 490 A		SOL	80	40	8.0	5.000	20.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT4552	NS 490 A		SOL	100	80	8.0	5.000	20.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT4553	NS 490 A		SOL	80	40	8.0	5.000	20.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT4554	NS 490 A		SOL	100	80	8.0	5.000	20.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT4555	NS 490 A		SOL	80	40	8.0	5.000	20.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT4556	NS 490 A		SOL	100	80	8.0	5.000	20.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT4583	NS 490 A		SOL	60	40	5.0	5.000	20.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT4901	NS 211	5	SOL	225	200	8.0	5.000	4.000	H	200	J	40.000	G	1μA	100	35	1.000
SDT4902	NS 211	5	SOL	250	225	8.0	5.000	4.000	H	200	J	40.000	G	1μA	100	35	1.000
SDT4903	NS 211	5	SOL	275	250	8.0	5.000	4.000	H	200	J	40.000	G	1μA	100	35	1.000
SDT4904	NS 211	5	SOL	300	275	8.0	5.000	4.000	H	200	J	40.000	G	1μA	100	35	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
SDT4905	NS 211	5	SOL	325	300	8.0	5.000	4.000	H	200	J	40.000	G	1μA	100	35	1.000
SDT4921	NS 211	5	SOL	225	200	8.0	5.000	4.000	H					1MA	100	35	1.000
SDT4922	NS 211	5	SOL	250	225	8.0	5.000	4.000	H					1MA	100	35	1.000
SDT4923	NS 211	5	SOL	275	250	8.0	5.000	4.000	H					1MA	100	35	1.000
SDT4924	NS 211	5	SOL	300	275	8.0	5.000	4.000	H					1MA	100	35	1.000
SDT4925	NS 211	5	SOL	325	300	8.0	5.000	4.000	H					1MA	100	35	1.000
SDT5001	NS 211	46	SOL	60	40	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	88	.500
SDT5002	NS 211	46	SOL	80	60	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	88	.500
SDT5003	NS 211	46	SOL	100	80	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5004	NS 211	46	SOL	140	100	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5005	NS 211	46	SOL	180	120	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5006	NS 211	46	SOL	60	40	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	45	.500
SDT5007	NS 211	46	SOL	80	60	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	45	.500
SDT5008	NS 211	46	SOL	100	80	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5009	NS 211	46	SOL	140	100	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5010	NS 211	46	SOL	180	120	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5011	NS 211	46	SOL	60	40	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	180	.500
SDT5012	NS 211	46	SOL	80	60	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	180	.500
SDT5013	NS 211	46	SOL	100	80	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	180	.500
SDT5014	NS 211	46	SOL	140	100	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	180	.500
SDT5015	NS 211	46	SOL	180	120	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	180	.500
SDT5051	NS 211	46	SOL	175	150	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5052	NS 211	46	SOL	200	175	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5053	NS 211	46	SOL	225	200	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5054	NS 211	46	SOL	175	150	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5055	NS 211	46	SOL	200	175	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5056	NS 211	46	SOL	225	200	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5501	NS 211	5	SOL	60	40	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	88	.500
SDT5502	NS 211	5	SOL	80	60	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	88	.500
SDT5503	NS 211	5	SOL	100	80	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5504	NS 211	5	SOL	140	100	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5505	NS 211	5	SOL	180	140	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5506	NS 211	5	SOL	60	40	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	45	.500
SDT5507	NS 211	5	SOL	80	60	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	45	.500
SDT5508	NS 211	5	SOL	100	80	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5509	NS 211	5	SOL	140	100	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5510	NS 211	5	SOL	180	140	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5511	NS 211	5	SOL	60	40	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	180	.500
SDT5512	NS 211	5	SOL	80	60	8.0	2.000	4.000	H	200	J	85.000	G	100NA	30	180	.500
SDT5513	NS 211	5	SOL	100	80	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	180	.500
SDT5514	NS 211	5	SOL	140	100	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	180	.500
SDT5515	NS 211	5	SOL	180	140	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	180	.500
SDT5551	NS 211	5	SOL	175	150	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5552	NS 211	5	SOL	200	175	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5553	NS 211	5	SOL	225	200	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	88	.500
SDT5554	NS 211	5	SOL	175	150	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5555	NS 211	5	SOL	200	175	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5556	NS 211	5	SOL	225	200	8.0	2.000	4.000	H	200	J	85.000	G	100NA	60	45	.500
SDT5901	NS 605	3	SOL	60	40	8.0	2.000	16.600	H	200	J	85.000	G	100NA	30	88	.500
SDT5902	NS 605	3	SOL	80	60	8.0	2.000	16.600	H	200	J	85.000	G	100NA	30	88	.500
SDT5903	NS 605	3	SOL	100	80	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	88	.500
SDT5904	NS 605	3	SOL	140	100	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	88	.500
SDT5905	NS 605	3	SOL	180	120	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	88	.500
SDT5906	NS 605	3	SOL	60	40	8.0	2.000	16.600	H	200	J	85.000	G	100NA	30	45	.500
SDT5907	NS 605	3	SOL	80	60	8.0	2.000	16.600	H	200	J	85.000	G	100NA	30	45	.500
SDT5908	NS 605	3	SOL	100	80	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	45	.500
SDT5909	NS 605	3	SOL	140	100	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	45	.500
SDT5910	NS 605	3	SOL	180	120	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	45	.500
SDT5911	NS 605	3	SOL	60	40	8.0	2.000	16.600	H	200	J	85.000	G	100NA	30	180	.500
SDT5912	NS 605	3	SOL	80	60	8.0	2.000	16.600	H	200	J	85.000	G	100NA	30	180	.500
SDT5913	NS 605	3	SOL	100	80	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	180	.500
SDT5914	NS 605	3	SOL	140	100	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	180	.500
SDT5915	NS 605	3	SOL	180	120	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	180	.500
SDT5951	NS 605	3	SOL	175	150	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	88	.500
SDT5952	NS 605	3	SOL	200	175	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	88	.500
SDT5953	NS 605	3	SOL	225	200	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	88	.500
SDT5954	NS 605	3	SOL	175	150	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	45	.500
SDT5955	NS 605	3	SOL	200	175	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	45	.500
SDT5956	NS 605	3	SOL	225	200	8.0	2.000	16.600	H	200	J	85.000	G	100NA	60	45	.500
SDT6001	NS 561	62	SOL	100	50	5.0	5.000	40.000	H	200	J	70.000	G	1μA	60	15	1.000
SDT6011	NS 561	62	SOL	80	40	8.0	5.000	40.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6012	NS 561	62	SOL	100	80	8.0	5.000	40.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6013	NS 561	62	SOL	80	40	8.0	5.000	40.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6014	NS 561	62	SOL	100	80	8.0	5.000	40.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6015	NS 561	62	SOL	80	40	8.0	5.000	40.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT6016	NS 561	62	SOL	100	100	8.0	5.000	40.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT6031	NS 561	62	SOL	60	40	5.0	5.000	40.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6101	NS 211	5	SOL	65	30	4.0	10.000	4.000	H			450.000	G			15	2.000
SDT6102	NS 211	5	SOL	65	40	4.0	10.000	4.000	H			450.000	G			15	2.000
SDT6103	NS 211	5	SOL	65	50	4.0	10.000	4.000	H			450.000	G			15	2.000
SDT6104	NS 540	60	SOL	65	30	4.0	10.000	100.000	H			450.000	G			15	2.000
SDT6105	NS 540	60	SOL	65	40	4.0	10.000	100.000	H			450.000	G			15	2.000
SDT6106	NS 540	60	SOL	65	50	4.0	10.000	100.000	H			450.000	G			15	2.000
SDT6110	NS 211	5	SOL	65	30	4.0	10.000	4.000	H			350.000	G			15	5.000
SDT6111	NS 211	5	SOL	65	40	4.0	10.000	4.000	H			350.000	G			15	5.000
SDT6112	NS 211	5	SOL	65	50	4.0	10.000	4.000	H			350.000	G			15	5.000
SDT6113	NS 540	60	SOL	65	30	4.0	10.000	10.000	H			350.000	G			15	5.000
SDT6114	NS 540	60	SOL	65	40	4.0	10.000	10.000	H			350.000	G			15	5.000
SDT6115	NS 540	60	SOL	65	50	4.0	10.000	10.000	H			350.000	G			15	5.000
SDT6308	NS 581	111	SOL	60	40	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6309	NS 581	111	SOL	80	60	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6310	NS 581	111	SOL	100	80	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6311	NS 581	111	SOL	60	40	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6312	NS 581	111	SOL	80	60	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6313	NS 581	111	SOL	100	80	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6314	NS 581	111	SOL	60	40	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT6315	NS 581	111	SOL	80	60	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT6316	NS 581	111	SOL	100	80	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	150	1.000
SDT6408	NS 568	111	SOL	60	40	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6409	NS 568	111	SOL	80	60	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6410	NS 568	111	SOL	100	80	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	35	1.000
SDT6411	NS 568	111	SOL	60	40	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6412	NS 568	111	SOL	80	60	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6413	NS 568	111	SOL	100	80	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	70	1.000
SDT6414	NS 568	111	SOL	60	40	8.0	5.000	30.000	H	200	J	70.000	G	1μA	60	150	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
SDT6415	NS 568	111	SOL	80	60	8.0	5.000	30.000	H	200	J	70.000	G	1 μA	60	150	1.000
SDT6416	NS 568	111	SOL	100	80	8.0	5.000	30.000	H	200	J	70.000	G	μA	60	150	1.000
SDT6901	NS 605	66	SOL	145	125	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	35	1.000
SDT6902	NS 605	66	SOL	170	150	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	35	1.000
SDT6903	NS 605	66	SOL	195	175	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	35	1.000
SDT6904	NS 605	66	SOL	220	200	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	35	1.000
SDT6905	NS 605	66	SOL	145	125	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	70	1.000
SDT6906	NS 605	66	SOL	170	150	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	70	1.000
SDT6907	NS 605	66	SOL	195	175	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	70	1.000
SDT6908	NS 605	66	SOL	220	200	8.0	5.000	20.000	H	200	J	20.000	G	1 μA	60	70	1.000
SDT7011	NS 561	61	SOL	60	40	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	35	5.000
SDT7012	NS 561	61	SOL	80	60	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	35	5.000
SDT7013	NS 561	61	SOL	100	80	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	35	5.000
SDT7014	NS 561	61	SOL	60	40	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	70	5.000
SDT7015	NS 561	61	SOL	80	60	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	70	5.000
SDT7016	NS 561	61	SOL	100	80	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	70	5.000
SDT7017	NS 561	61	SOL	60	40	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	150	5.000
SDT7018	NS 561	61	SOL	80	60	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	150	5.000
SDT7019	NS 561	61	SOL	100	80	5.0	10.000	50.000	H	200	J	60.000	G	1 μA	60	150	5.000
SDT7140	NS 561	61	SOL	120	100	5.0	10.000	50.000	H	200	J			100NA	60	70	5.000
SDT7141	NS 561	61	SOL	200	150	5.0	10.000	50.000	H	200	J			100NA	100	70	5.000
SDT7150	NS 561	61	SOL	140	120	5.0	10.000	50.000	H	200	J			500NA	60	35	5.000
SDT7151	NS 561	61	SOL	170	150	5.0	10.000	50.000	H	200	J			500NA	100	35	5.000
SDT7152	NS 561	61	SOL	220	200	5.0	10.000	50.000	H	200	J			500NA	100	35	5.000
SDT7154	NS 561	61	SOL	140	100	5.0	10.000	50.000	H	200	J			500NA	60	70	5.000
SDT7155	NS 561	61	SOL	170	150	5.0	10.000	50.000	H	200	J			500NA	100	70	5.000
SDT7156	NS 561	61	SOL	220	200	5.0	10.000	50.000	H	200	J			500NA	100	70	5.000
SDT7201	NS 605	3	SOL	225	200	8.0	10.000	65.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7202	NS 605	3	SOL	250	225	8.0	10.000	65.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7203	NS 605	3	SOL	275	250	8.0	10.000	65.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7204	NS 605	3	SOL	325	300	8.0	10.000	65.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7205	NS 605	3	SOL	350	325	8.0	10.000	65.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7206	NS 605	3	SOL	150	150	8.0	10.000	65.000	H	200	J	50.000	G	10 μA	100	15	5.000
SDT7207	NS 605	3	SOL	200	200	8.0	10.000	65.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7208	NS 605	3	SOL	250	250	8.0	10.000	65.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7209	NS 605	3	SOL	300	300	8.0	10.000	65.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7401	NS 211	5	SOL	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	30	70	5.000
SDT7402	NS 211	5	SOL	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	70	5.000
SDT7403	NS 211	5	SOL	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	70	5.000
SDT7411	NS 211	5	SOL	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	30	35	5.000
SDT7412	NS 211	5	SOL	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	35	5.000
SDT7413	NS 211	5	SOL	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	35	5.000
SDT7414	NS 211	5	SOL	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	30	70	5.000
SDT7415	NS 211	5	SOL	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	70	5.000
SDT7416	NS 211	5	SOL	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	70	5.000
SDT7417	NS 211	5	SOL	60	40	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	30	150	5.000
SDT7418	NS 211	5	SOL	80	60	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	150	5.000
SDT7419	NS 211	5	SOL	100	80	5.0	10.000	5.000	H	200	J	15.000	G	1 μA	60	150	5.000
SDT7601	NS 605	3	SOL	60	40	8.0	10.000	65.000	H	200	J	60.000	G	500NA	30	70	5.000
SDT7602	NS 605	3	SOL	80	60	8.0	10.000	65.000	H	200	J	60.000	G	500NA	30	70	5.000
SDT7603	NS 605	3	SOL	100	80	8.0	10.000	65.000	H	200	J	60.000	G	500NA	60	70	5.000
SDT7604	NS 605	3	SOL	140	120	8.0	10.000	65.000	H	200	J	60.000	G	500NA	60	70	5.000
SDT7605	NS 605	3	SOL	170	150	8.0	10.000	65.000	H	200	J	60.000	G	500NA	100	70	5.000
SDT7607	NS 605	3	SOL	60	40	8.0	10.000	65.000	H	200	J	60.000	G	500NA	30	35	5.000
SDT7608	NS 605	3	SOL	80	60	8.0	10.000	65.000	H	200	J	60.000	G	500NA	30	35	5.000
SDT7609	NS 605	3	SOL	100	80	8.0	10.000	65.000	H	200	J	60.000	G	500NA	60	35	5.000
SDT7610	NS 605	3	SOL	140	100	8.0	10.000	65.000	H	200	J	60.000	G	500NA	60	35	5.000
SDT7611	NS 605	3	SOL	170	150	8.0	10.000	65.000	H	200	J	60.000	G	500NA	100	35	5.000
SDT7612	NS 605	3	SOL	220	200	8.0	10.000	65.000	H	200	J	60.000	G	500NA	100	35	5.000
SDT7711	NS 568	111	SOL	60	40	20.0	10.000	30.000	H							40	5.000
SDT7712	NS 568	111	SOL	80	60	20.0	10.000	30.000	H							40	5.000
SDT7713	NS 568	111	SOL	100	80	20.0	10.000	30.000	H							40	5.000
SDT7714	NS 568	111	SOL	120	100	20.0	10.000	30.000	H							40	5.000
SDT7715	NS 568	111	SOL	140	125	20.0	10.000	30.000	H							40	5.000
SDT7716	NS 568	111	SOL	165	150	20.0	10.000	30.000	H							40	5.000
SDT7731	NS 605	3	SOL	60	40	20.0	10.000	80.000	H							40	5.000
SDT7732	NS 605	3	SOL	80	60	20.0	10.000	80.000	H							40	5.000
SDT7733	NS 605	3	SOL	100	80	20.0	10.000	80.000	H							40	5.000
SDT7734	NS 605	3	SOL	120	100	20.0	10.000	80.000	H							40	5.000
SDT7735	NS 605	3	SOL	140	125	20.0	10.000	80.000	H							40	5.000
SDT7736	NS 605	3	SOL	165	150	20.0	10.000	80.000	H							40	5.000
SDT7741	NS 605	66	SOL	60	40	20.0	10.000	40.000	H							40	5.000
SDT7742	NS 605	66	SOL	80	60	20.0	10.000	40.000	H							40	5.000
SDT7743	NS 605	66	SOL	100	80	20.0	10.000	40.000	H							40	5.000
SDT7744	NS 605	66	SOL	120	100	20.0	10.000	40.000	H							40	5.000
SDT7745	NS 605	66	SOL	140	125	20.0	10.000	40.000	H							40	5.000
SDT7746	NS 605	66	SOL	165	150	20.0	10.000	40.000	H							40	5.000
SDT7761	NS 561	61	SOL	60	40	20.0	10.000	50.000	H							40	5.000
SDT7762	NS 561	61	SOL	80	60	20.0	10.000	50.000	H							40	5.000
SDT7763	NS 561	61	SOL	100	80	20.0	10.000	50.000	H							40	5.000
SDT7764	NS 561	61	SOL	120	100	20.0	10.000	50.000	H							40	5.000
SDT7765	NS 561	61	SOL	140	125	20.0	10.000	50.000	H							40	5.000
SDT7766	NS 561	61	SOL	165	150	20.0	10.000	50.000	H							40	5.000
SDT7801	NS 561	61	SOL	225	200	8.0	10.000	50.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7802	NS 561	61	SOL	250	225	8.0	10.000	50.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7803	NS 561	61	SOL	275	250	8.0	10.000	50.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7804	NS 561	61	SOL	325	300	8.0	10.000	50.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7805	NS 561	61	SOL	350	325	8.0	10.000	50.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7806	NS 561	61	SOL	150	150	8.0	10.000	50.000	H	200	J	50.000	G	10 μA	100	15	5.000
SDT7807	NS 561	61	SOL	200	200	8.0	10.000	50.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7808	NS 561	61	SOL	250	250	8.0	10.000	50.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7809	NS 561	61	SOL	300	300	8.0	10.000	50.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7901	NS 605	66	SOL	225	200	8.0	10.000	25.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7902	NS 605	66	SOL	250	225	8.0	10.000	25.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7903	NS 605	66	SOL	275	250	8.0	10.000	25.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7904	NS 605	66	SOL	325	300	8.0	10.000	25.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7905	NS 605	66	SOL	350	325	8.0	10.000	25.000	H	200	J	50.000	G	1 μA	100	35	5.000
SDT7907	NS 605	66	SOL	200	200	8.0	10.000	25.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7908	NS 605	66	SOL	250	250	8.0	10.000	25.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7909	NS 605	66	SOL	300	300	8.0	10.000	25.000	H	200	J	50.000	G	10 μA	100	22	5.000
SDT7910	NS 605	66	SOL	150	150	8.0	10.000	25.000	H	200	J	50.000	G	10 μA	100	15	5.000
SDT8002	NS 561	63	SOL	80	60	8.0	20.000	100.000	H	200	J	35.000	G	100 μA	60	70	10.000
SDT8003	NS 561	63	SOL	100	80	8.0	20.000	100.000	H	200	J	35.000	G	100 μA	60	70	10.000
SDT8012	NS 561	63	SOL	80	60	8.0	20.000	100.000	H	200	J	35.000	G	10 μA	60	35	10.000
SDT8013	NS 561	63	SOL	100	80	8.0	20.000	100.000	H	200	J	35.000	G	10 μA	60	35	10.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
SDT8015	NS 561	63	SOL	80	60	8.0	20.000	100.000	H	200	J	35.000	G	10μA	60	70 10.000
SDT8016	NS 561	63	SOL	100	80	8.0	20.000	100.000	H	200	J	35.000	G	10μA	60	70 10.000
SDT8045	NS 561	63	SOL	40	25	5.0	20.000	100.000	H	200	J	35.000	G	10μA	25	60 10.000
SDT8070	NS 561	63	SOL	80	60	8.0	20.000	100.000	H	200	J	35.000	G	10μA	60	150 10.000
SDT8071	NS 561	63	SOL	100	80	8.0	20.000	100.000	H	200	J	35.000	G	10μA	60	150 10.000
SDT8105	NS 913 A		SOL	80	60	8.0	20.000	65.000	H	200	J	30.000	G	100μA	60	70 10.000
SDT8106	NS 913 A		SOL	100	80	8.0	20.000	65.000	H	200	J	30.000	G	100μA	60	70 10.000
SDT8110	NS 913 A		SOL	80	60	8.0	20.000	65.000	H	200	J	30.000	G	10μA	60	150 10.000
SDT8111	NS 913 A		SOL	100	80	8.0	20.000	65.000	H	200	J	30.000	G	10μA	60	150 10.000
SDT8112	NS 913 A		SOL	80	60	8.0	20.000	65.000	H	200	J	30.000	G	10μA	60	35 10.000
SDT8113	NS 913 A		SOL	100	80	8.0	20.000	65.000	H	200	J	30.000	G	10μA	60	35 10.000
SDT8114	NS 913 A		SOL	40	25	8.0	20.000	65.000	H	200	J	30.000	G	10μA	25	60 10.000
SDT8115	NS 913 A		SOL	80	60	8.0	20.000	65.000	H	200	J	30.000	G	10μA	60	60 10.000
SDT8116	NS 913 A		SOL	100	80	8.0	20.000	65.000	H	200	J	30.000	G	10μA	60	60 10.000
SDT8151	NS 560	61	SOL	150	120	8.0	20.000	65.000	H					10μA	60	70 10.000
SDT8152	NS 560	61	SOL	100	80	8.0	20.000	65.000	H					10μA	60	70 10.000
SDT8153	NS 560	61	SOL	80	60	8.0	20.000	65.000	H					10μA	60	70 10.000
SDT8154	NS 560	61	SOL	100	80	8.0	20.000	65.000	H					10μA	60	150 10.000
SDT8155	NS 560	61	SOL	80	60	8.0	20.000	65.000	H					10μA	60	150 10.000
SDT8156	NS 560	61	SOL	150	120	8.0	20.000	65.000	H					10μA	60	35 10.000
SDT8157	NS 560	61	SOL	100	80	8.0	20.000	65.000	H					10μA	60	35 10.000
SDT8158	NS 560	61	SOL	80	60	8.0	20.000	65.000	H					10μA	60	35 10.000
SDT8159	NS 560	61	SOL	40	25	8.0	20.000	65.000	H					10μA	60	30 10.000
SDT8301	NS 561	63	SOL	80	60	8.0	30.000	100.000	H	200	J	35.000	G	10μA	60	70 10.000
SDT8302	NS 561	63	SOL	100	80	8.0	30.000	100.000	H	200	J	35.000	G	10μA	60	70 10.000
SDT8303	NS 561	63	SOL	80	60	8.0	30.000	100.000	H	200	J	35.000	G	10μA	60	150 10.000
SDT8304	NS 561	63	SOL	100	80	8.0	30.000	100.000	H	200	J	35.000	G	10μA	60	150 10.000
SDT8601	NS 403	68	SOL	80	60	8.0	100.000	166.000	H	200	J	20.000	G	10μA	60	15 75.000
SDT8602	NS 403	68	SOL	100	80	8.0	100.000	166.000	H	200	J	20.000	G	10μA	60	15 75.000
SDT8603	NS 403	68	SOL	120	100	8.0	100.000	166.000	H	200	J	20.000	G	10μA	60	15 75.000
SDT8604	NS 403	68	SOL	140	120	8.0	100.000	166.000	H	200	J	20.000	G	10μA	60	15 75.000
SDT8651	NS 403	68	SOL	200	200	8.0	60.000	166.000	H	200	J			10μA	100	20 40.000
SDT8652	NS 403	68	SOL	225	225	8.0	60.000	166.000	H	200	J			10μA	100	20 40.000
SDT8653	NS 403	68	SOL	250	250	8.0	60.000	166.000	H	200	J			10μA	100	20 40.000
SDT8654	NS 403	68	SOL	275	275	8.0	60.000	166.000	H	200	J			10μA	100	20 40.000
SDT8655	NS 403	68	SOL	300	300	8.0	60.000	166.000	H	200	J			10μA	100	20 40.000
SDT8751	NS 561	63	SOL	120	100	8.0	20.000	100.000	H	200	J	30.000	G	10μA	60	30 10.000
SDT8752	NS 561	63	SOL	140	120	8.0	20.000	100.000	H	200	J	30.000	G	10μA	70	30 10.000
SDT8753	NS 561	63	SOL	170	150	8.0	20.000	100.000	H	200	J	30.000	G	10μA	80	30 10.000
SDT8754	NS 561	63	SOL	200	180	8.0	20.000	100.000	H	200	J	30.000	G	10μA	100	30 10.000
SDT8755	NS 561	63	SOL	120	100	8.0	20.000	100.000	H	200	J	30.000	G	10μA	60	52 10.000
SDT8756	NS 561	63	SOL	140	120	8.0	20.000	100.000	H	200	J	30.000	G	10μA	70	52 10.000
SDT8757	NS 561	63	SOL	170	150	8.0	20.000	100.000	H	200	J	30.000	G	10μA	80	52 10.000
SDT8758	NS 561	63	SOL	200	180	8.0	20.000	100.000	H	200	J	30.000	G	10μA	100	52 10.000
SDT8801	NS 561	63	SOL	200	200	8.0	20.000	100.000	H	200	J	30.000	G	1μA	60	30 10.000
SDT8802	NS 561	63	SOL	225	225	8.0	20.000	100.000	H	200	J	30.000	G	1μA	60	30 10.000
SDT8803	NS 561	63	SOL	250	250	8.0	20.000	100.000	H	200	J	30.000	G	1μA	60	30 10.000
SDT8804	NS 561	63	SOL	275	275	8.0	20.000	100.000	H	200	J	30.000	G	1μA	60	30 10.000
SDT8805	NS 561	63	SOL	300	300	8.0	20.000	100.000	H	200	J	30.000	G	1μA	60	30 10.000
SDT8920	NS 561	114	SOL	80	60	8.0	100.000	200.000	H	200	J			10μA	60	15 75.000
SDT8921	NS 561	114	SOL	100	80	8.0	100.000	200.000	H	200	J			10μA	60	15 75.000
SDT8922	NS 561	114	SOL	120	100	8.0	100.000	200.000	H	200	J			10μA	60	15 75.000
SDT8923	NS 561	114	SOL	140	120	8.0	100.000	200.000	H	200	J			10μA	60	15 75.000
SDT8951	NS 561	114	SOL	200	200	8.0	60.000	200.000	H	200	J			10μA	100	20 40.000
SDT8952	NS 561	114	SOL	225	225	8.0	60.000	200.000	H	200	J			10μA	100	20 40.000
SDT8953	NS 561	114	SOL	250	250	8.0	60.000	200.000	H	200	J			10μA	100	20 40.000
SDT8954	NS 561	114	SOL	275	275	8.0	60.000	200.000	H	200	J			10μA	100	20 40.000
SDT8955	NS 561	114	SOL	300	300	8.0	60.000	200.000	H	200	J			10μA	100	20 40.000
SDT9001	NS 211	5	SOL	50	30	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	30 1.000
SDT9002	NS 211	5	SOL	70	50	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	30 1.000
SDT9003	NS 211	5	SOL	90	70	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	30 1.000
SDT9004	NS 211	5	SOL	50	30	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	52 1.000
SDT9005	NS 211	5	SOL	70	50	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	52 1.000
SDT9006	NS 211	5	SOL	90	70	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	52 1.000
SDT9007	NS 211	5	SOL	50	30	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	88 1.000
SDT9008	NS 211	5	SOL	70	50	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	88 1.000
SDT9009	NS 211	5	SOL	90	70	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	88 1.000
SDT9010	NS 211	5	SOL	50	30	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	150 1.000
SDT9011	NS 211	5	SOL	70	50	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	150 1.000
SDT9012	NS 211	5	SOL	90	70	5.0	5.000	1.250	A	200	J	70.000	G	1μA	25	150 1.000
SDT9201	NS 605	3	SOL	55	45	12.0	15.000	115.000	H	200	J			2MA	30	38 4.000
SDT9202	NS 605	3	SOL	100	80	12.0	15.000	115.000	H	200	J			700μA	30	38 4.000
SDT9203	NS 605	3	SOL	120	100	12.0	15.000	115.000	H	200	J			700μA	30	38 4.000
SDT9204	NS 605	3	SOL	140	120	12.0	15.000	115.000	H	200	J			700μA	30	38 4.000
SDT9205	NS 605	3	SOL	55	45	12.0	15.000	115.000	H	200	J			2MA	30	32 4.000
SDT9206	NS 605	3	SOL	80	60	12.0	15.000	115.000	H	200	J			700μA	30	32 4.000
SDT9207	NS 605	3	SOL	100	80	12.0	15.000	115.000	H	200	J			700μA	30	32 4.000
SDT9208	NS 605	3	SOL	120	100	12.0	15.000	115.000	H	200	J			700μA	30	32 4.000
SDT9209	NS 605	3	SOL	140	120	12.0	15.000	115.000	H	200	J			700μA	30	32 4.000
SDT9210	NS 605	3	SOL	40	30	5.0	15.000	115.000	H	200	J			5MA	20	30 2.000
SDT9301	NS 605	3	SOL	40	40	6.0	7.500	50.000	C	200	S					15 2.000
SDT9302	NS 605	3	SOL	60	60	6.0	7.500	50.000	C	200	S					15 2.000
SDT9303	NS 605	3	SOL	80	80	6.0	7.500	50.000	C	200	S					15 2.000
SDT9304	NS 605	3	SOL	40	40	6.0	7.500	50.000	C	200	S					15 2.000
SDT9305	NS 605	3	SOL	60	60	6.0	7.500	50.000	C	200	S					15 2.000
SDT9306	NS 605	3	SOL	80	80	6.0	7.500	50.000	C	200	S					15 2.000
SDT9307	NS 605	3	SOL	40	40	6.0	7.500	50.000	C	200	S					15 2.000
SDT9308	NS 605	3	SOL	60	60	6.0	7.500	50.000	C	200	S					15 2.000
SDT9309	NS 605	3	SOL	80	80	6.0	7.500	50.000	C	200	S					15 2.000
SDT9701	NS 605	3	SOL	100	80	7.0	15.000	150.000	C	200	J	.200	G	5MA	100	30 8.000
SDT9702	NS 605	3	SOL	120	100	7.0	15.000	150.000	C	200	J	.200	G	5MA	120	30 8.000
SDT9703	NS 605	3	SOL	140	120	7.0	15.000	150.000	C	200	J	.200	G	5MA	140	30 8.000
SDT9704	NS 605	3	SOL	100	80	7.0	15.000	150.000	C	200	J	.200	G	5MA	100	40 5.000
SDT9705	NS 605	3	SOL	120	100	7.0	15.000	150.000	C	200	J	.200	G	5MA	120	40 5.000
SDT9706	NS 605	3	SOL	140	120	7.0	15.000	150.000	C	200	J	.200	G	5MA	140	40 5.000
SDT9707	NS 605	3	SOL	80	60	7.0	15.000	150.000	C	200	J	.200	G	10MA	80	23 4.000
SDT9801	NS 561	61	SOL	60	40	12.0	15.000	65.000	H	200	J			1μA	40	35 5.000
SDT9802	NS 561	61	SOL	80	60	12.0	15.000	65.000	H	200	J			1μA	60	35 5.000
SDT9803	NS 561	61	SOL	100	80	12.0	15.000	65.000	H	200	J			1μA	80	35 5.000
SDT9804	NS 561	61	SOL	120	100	12.0	15.000	65.000	H	200	J			1μA	100	35 5.000
SDT9901	NS 605	3	SOL	60	40	12.0	15.000	83.000	H	200	J			1μA	40	35 5.000
SDT9902	NS 605	3	SOL	80	60	12.0	15.000	83.000	H	200	J			1μA	60	35 5.000
SDT9903	NS 605	3	SOL	100	80	12.0	15.000	83.000	H	200	J			1μA	80	35 5.000
SDT9904	NS 605	3	SOL	120	100	12.0	15.000	83.000	H	200	J			1μA	100	35 5.000
SE1001	NS 173	106	FSC	45	45	4.0		.200	A	125	J	200.000	G	500NA	30	80 .010

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
SE1002	NS 173	106	FSC	45	45	4.0		.200	A	125	J	200.000	G	500NA	30	200	.010
SE1010	NS 173	106	FSC	30	15	4.0		.200	A	125	J	200.000	G	50NA	15	35	.010
SE2001	NS 173	106	FSC,NSC	35	20	4.0		.200	A	125	J	200.000	G	500NA	15	100	.010
SE2002	NS 173	106	FSC	35	25	4.0		.200	A	125	J	200.000	G	500NA	15	200	.010
SE3001	NS 173	106	FSC	30	12	2.0		.200	A			900.000	G	50NA	30	60	.008
SE3002	NS 173	106	FSC	30	12	2.0		.200	A	125	J	600.000	G	500NA	15	50	.008
SE3005	NS 173	106	FSC	30	15	4.0		.200	A	125	J	800.000	G	10NA	15	100	.008
SE3031	NS 605	3	FSC	150	80	6.0	5.000	15.000	H	150	J	50.000	G	1μA	100	75	2.000
SE3032	NS 605	3	FSC	120	60	6.0	5.000	15.000	H	150	J	80.000	G	1μA	60	150	2.000
SE3033	NS 605	3	FSC	120	60	6.0	5.000	15.000	H	150	J	50.000	G	1μA	60	75	2.000
SE3035	NS 605	3	FSC	80	40	6.0	5.000	15.000	H	150	J	120.000	G	10μA	30	80	2.000
SE3036	NS 605	3	FSC	40	40	5.0	5.000	15.000	H	150	J	120.000	G	10μA	30	80	.500
SE3040	NS 605	66	FSC	80	40	6.0	5.000	15.000	H	150	J	50.000	G	10μA	30	75	2.000
SE3041	NS 605	66	FSC	120	60	6.0	5.000	15.000	H	150	J	50.000	G	1μA	60	75	2.000
SE4001	NS 173	106	FSC,NSC	30	25	6.0		.200	A			40.000	G	200NA	5	185	.001
SE4002	NS 173	106	FSC,NSC	30	25	6.0		.200	A			60.000	G	200NA	5	600	.001
SE4010	NS 173	106	FSC,NSC	30	25	6.0		.200	A			60.000	G	200NA	5	600	.001
SE4020	NS 173	106	FSC	60	60	8.0	.050	.200	A	125	J	100.000	G	2NA	45	310	.010
SE4021	NS 173	106	FSC	45	45	8.0	.050	.200	A	125	J	150.000	G	2NA	30	950	.010
SE4022	NS 173	106	FSC	30	30	8.0	.050	.200	A	125	J	200.000	G	2NA	20	540	.010
SE5001	NS 173	106	FSC	40	40	4.0		.200	A	125	J	400.000	G	500NA	20	70	.004
SE5002	NS 173	106	FSC	40	40	4.0		.200	A	125	J	400.000	G	500NA	20	70	.004
SE5003	NS 173	106	FSC	40	40	4.0		.200	A	125	J	400.000	G	500NA	20	70	.004
SE5006	NS 173	106	FSC	40	40	4.0		.200	A	125	J	400.000	G	50NA	20	70	.004
SE5020	NS 217	72	FSC	20	20	3.0		.175	A	175	J	375.000	G	50NA	10	40	.004
SE5021	NS 217	72	FSC	20	20	3.0		.175	A	175	J	375.000	G	50NA	10	40	.004
SE5022	NS 217	72	FSC	20	20	3.0		.175	A	175	J	300.000	G	50NA	10	40	.004
SE5023	NS 217	72	FSC	20	20	3.0		.175	A	175	J	300.000	G	50NA	10	40	.004
SE5024	NS 217	72	FSC	20	20	3.0		.175	A	175	J	300.000	G	50NA	10	40	.004
SE5025	NS 173 A		FSC	30	30	3.0		.250	A	125	J	300.000	G	1μA	30	35	.010
SE5050	NS 217	72	FSC	20	20	3.0		.175	A	175	J	300.000	G	50NA	10	40	.004
SE5051	NS 217	72	FSC	20	20	3.0		.175	A	175	J	300.000	G	50NA	10	40	.004
SE5052	NS 217	72	FSC	20	20	3.0		.175	A	175	J	375.000	G	50NA	10	5	
SE5055	NS 217	72	FSC	20	20	3.0		.175	A	175	J	300.000	G	50NA	20	80	.010
SE6001	NS 173	105	FSC,NSC	40	30	5.0	1.000	.300	A	125	J	40.000	G	500NA	20	125	.010
SE6002	NS 173	105	FSC,NSC	40	30	5.0	1.000	.300	A	125	J	40.000	G	500NA	20	375	.010
SE6020	NS 173	105	FSC	60	60	6.5	1.000	.300	A	125	J	250.000	G	100NA	50	180	.150
SE6020A	NS 173	105	FSC	60	60	6.5	1.000	.300	A	125	J	250.000	G	100NA	50	180	.150
SE6021	NS 173	105	FSC	80	80	6.5	1.000	.500	A	125	J	250.000	G	100NA	50	180	.150
SE6021A	NS 173	105	FSC	80	80	6.5	1.000	.500	A	125	J	250.000	G	100NA	50	180	.150
SE6022	NS 173	106	FSC	60	60	6.5	1.000	.220	A	125	J	250.000	G	100NA	50	180	.150
SE6023	NS 173	106	FSC	80	80	6.5	1.000	.220	A	125	J	250.000	G	100NA	50	180	.150
SE7001	NS 211	39	FSC	150	150	5.0		.800	A	200	J	40.000	G	100NA	75	60	.030
SE7002	NS 211	39	FSC	120	120	5.0		.800	A	200	J	40.000	G	100NA	75	60	.030
SE7015	NS 173	105	FSC	100	100			.450	A	125	J	50.000	G	10NA	80	90	.025
SE7016	NS 173	105	FSC	140	140	6.0		.450	A	125	J	50.000	G	10NA	110	90	.025
SE7017	NS 173	105	FSC	180	180	6.0		.450	A	125	J	50.000	G	10NA	150	90	.025
SE7030	NS 605	66	FSC	300	300	8.0	.400	10.000	C	150	J	30.000	G	1μA	200	100	.050
SE7055	NS 211	39	FSC	220	220	7.0		1.000	A	200	J	50.000	G	100NA	150	150	.030
SE7056	NS 211	39	FSC	300	300	7.0		1.000	A	200	J	50.000	G	100NA	200		.030
SE7057	NS 211	39	FSC	450	450	7.0		1.000	A	200	J	40.000	G	100NA	300	70	.030
SE8001	NS 211	39	FSC	60	30	5.0		.870	A	200	J	40.000	G	100NA	40	30	.150
SE8002	NS 211	39	FSC	80	40	5.0		.870	A	200	J	40.000	G	10NA	60	70	.150
SE8010	NS 211	39	FSC	100	60	6.0	.500	.800	A	200	J	300.000	G	500NA	50	78	.100
SE8012	NS 173	105	FSC	100	60	6.0	.500	.500	A	125	J	300.000	G	500NA	50	78	.100
SE8040	NS 173	105	FSC	30	30	6.0	.750	.500	A	125	J	130.000	G	50NA	25	70	.150
SE8041	NS 211	39	FSC	30	30	6.0	.750	.800	A	200	J	130.000	G	50NA	25	70	.150
SE8042	NS 211	39	FSC	30	30	6.0	.750	1.000	A	200	J	130.000	G	50NA	25	70	.150
SE8540	PS 173	105	FSC	30	30	5.0	.750	.500	A	125	J	100.000	G	50NA	25	70	.150
SE8541	PS 211	39	FSC	30	30	5.0	.750	.800	A	200	J	100.000	G	50NA	25	70	.150
SE8542	PS 211	39	FSC	30	30	5.0	.750	1.000	A	200	J	100.000	G	50NA	25	70	.150
SE9060	NS 605	66	FSC		80S	6.0	2.000	20.000	H	150	J	50.000	G	10μA	40	55	1.000
SE9061	NS 605	66	FSC		80S	6.0	2.000	20.000	H	150	J	60.000	G	10μA	40	82	1.000
SE9062	NS 605	66	FSC		100S	6.0	2.000	20.000	H	150	J	50.000	G	10μA	60	55	1.000
SE9063	NS 605	66	FSC		100S	6.0	2.000	20.000	H	150	J	60.000	G	10μA	60	82	1.000
SE9070	NS 605	3	FSC		80S	6.0	2.000	25.000	H	150	J	50.000	G	10μA	40	50	1.000
SE9071	NS 605	3	FSC		80S	6.0	2.000	25.000	H	150	J	60.000	G	10μA	40	98	1.000
SE9072	NS 605	3	FSC		100S	6.0	2.000	25.000	H	150	J	50.000	G	10μA	60	50	1.000
SE9073	NS 605	3	FSC		100S	6.0	2.000	25.000	H	150	J	60.000	G	10μA	60	98	1.000
SE9080	NS 605	3	FSC		80S	6.0	5.000	33.000	H	150	J	60.000	G	10μA	40	50	2.500
SE9081	NS 605	3	FSC		80S	6.0	5.000	33.000	H	150	J	70.000	G	10μA	40	125	2.500
SE9082	NS 605	3	FSC		100S	6.0	5.000	33.000	H	150	J	60.000	G	10μA	60	50	2.500
SE9083	NS 605	3	FSC		100S	6.0	5.000	33.000	H	150	J	70.000	G	10μA	60	125	2.500
SE9570	PS 605	3	FSC		80S	6.0	2.000	25.000	H	150	J	50.000	G	10μA	40	50	1.000
SE9571	PS 605	3	FSC		80S	6.0	2.000	25.000	H	150	J	60.000	G	10μA	40	125	1.000
SE9572	PS 605	3	FSC		100S	8.0	2.000	25.000	H	150	J	50.000	G	10μA	60	50	1.000
SE9573	PS 605	3	FSC		100S	8.0	2.000	25.000	H	150	J	60.000	G	10μA	60	125	1.000
SE9580	PS 605	3	FSC		80S	5.0	5.000	33.000	H	150	J	60.000	G	10μA	40	50	2.500
SE9581	PS 605	3	FSC		80S	5.0	5.000	33.000	H	150	J	70.000	G	10μA	40	118	2.500
SE9582	PS 605	3	FSC		100S	5.0	5.000	33.000	H	150	J	60.000	G	10μA	60	50	2.500
SE9583	PS 605	3	FSC		100S	5.0	5.000	33.000	H	150	J	70.000	G	10μA	60	118	2.500
SF.T124	PG 181 A		CSF	24	30	12.0	.500	.350	A	100	J	1.000	B	20μA	24	30	
SF.T125	PG 181 A		CSF	24	20	12.0	.500	.350	A	100	J	2.000	B	20μA	24	90	
SF.T125P	PG 181 A		CSF	30	15	15.0	.500	.350	A	100	J	2.000	B	25μA	30	90	
SF.T130	PG 775 A		CSF	24	30	12.0	.500	.550	A	100	J	1.000	B	20μA	24	30	
SF.T131	PG 775 A		CSF	24	20	12.0	.500	.550	A	100	J	2.000	B	20μA	24	90	
SF.T131P	PG 775 A		CSF	30	15	15.0	.500	.550	A	100	J	.015	E	25μA	30	90	
SF.T143	PG 181 A		CSF	45	20	25.0	.500	.350	A	100	J	.400	B	20μA	45	30	
SF.T144	PG 181 A		CSF	45	20	25.0	.500	.350	A	100	J	.600	B	20μA	45	60	
SF.T145	PG 775 A		CSF	45	20	25.0	.500	.550	A	100	J	.400	E	20μA	45	30	
SF.T146	PG 775 A		CSF	45	20	25.0	.500	.550	A	100	J	.600	E	20μA	45	60	
SF.T163	PG 128	44	CSF	15		.5	.010	.120	A	85	J	120.000	G	15μA	15	120	
SF.T186	NS 211	5	CSF	120		5.0		.600	A	200	J	140.000	G	200μA	60	30	
SF.T212	PG 605	3	CSF	30	15	7.5	3.000	30.000	C	85	J	.200	B	1MA	30	80	
SF.T213	PG 605	3	CSF	40	30	20.0	3.000	45.000	C	95	J	.200	B	1MA	40	40	
SF.T214	PG 605	3	CSF	60	40	30.0	3.000	45.000	C	95	J	.200	B	1MA	60	40	
SF.T221	PG 212	5	CSF	30	24S	15.0	.250	.225	A	100	J	1.300	B	15μA	30	30	
SF.T222	PG 212	5	CSF	30	24S	15.0	.250	.225	A	100	J	2.000	B	15μA	30	50	
SF.T223	PG 212	5	CSF	30	20S	15.0	.250	.225	A	100	J	4.000	B	15μA	30	100	
SF.T226	PG 210	5	CSF	40	32S	24.0	.250	.150	A	100	J	3.500	G	10μA	40	32	
SF.T227	PG 210	5	CSF	30	24S	18.0	.250	.150	A	100	J	4.500	G	10μA	30	46	
SF.T228	PG 210	5	CSF	24	20S	12.0	.250	.150	A	100	J	5.500	G	10μA	24	62	
SF.T229	PG 210	5	CSF	18	15S	12.0	.250	.150	A	100	J	10.000	G	10μA	18	90	
SF.T232	PG 211	11	CSF	40	30	20.0	1.000	.450	A	85	J	AUD		125μA	20	60	
SF.T233	PG 211	11	CSF	60	40	20.0	1.000	.450	A	85	J	AUD		125μA	30	60	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND					
SF.T234	PG 211	11	CSF	80	50	20.0	1.000	.450	A	85	J	AUD		125μA	40	60	
SF.T237	PG 210	5	CSF	15		9.0	.100	.150	A	100	J	3.000	B	2MA	2	100	
SF.T238	PG 605	3	CSF	40	30	20.0	6.000	45.000	C	95	J	.200	B	3MA	40	40	
SF.T239	PG 605	3	CSF	60	40	30.0	6.000	45.000	C	95	J	.200	B	3MA	60	40	
SF.T240	PG 605	3	CSF	80	60	40.0	6.000	45.000	C	95	J	.200	B	3MA	80	40	
SF.T243	PG 212	5	CSF	60	35S	25.0	.500	.225	A	100	J	2.000	B	15μA	60	60	
SF.T250	PG 605	3	CSF	80	60	40.0	3.000	45.000	C	95	J	.200	B	1MA	80	90	
SF.T264	PG 405	36	CSF	30	15	15.0	15.000	70.000	C	95	J	.200	B	8MA	30	60	
SF.T265	PG 405	36	CSF	40	40	20.0	15.000	70.000	C	95	J	.300	B	8MA	40	50	
SF.T266	PG 405	36	CSF	60	50	40.0	15.000	70.000	C	95	J	.300	B	8MA	60	50	
SF.T267	PG 405	36	CSF	80	60	60.0	15.000	70.000	C	95	J	.300	B	8MA	80	50	
SF.T288	PG 210	5	CSF	24		12.0	.500	.150	A	100	J	7.000	B	10μA	24	70	
SF.T298	NG 212	5	CSF	30		20.0	.500	.150	A	100	J	8.000	G	10μA	30	70	
SF.T306	PG 120	1	CSF	18	15	12.0	.100	.150	A	100	J	3.000	B	10μA	15	40	
SF.T307	PG 120	1	CSF	18	15	12.0	.100	.150	A	100	J	7.000	B	10μA	15	80	
SF.T308	PG 120	1	CSF	18	15	12.0	.100	.150	A	100	J	13.000	B	10μA	15	100	
SF.T315	PG 120	1	CSF	40	20	.5	.010	.120	A	85	J	18.000	G	10μA	12	90	
SF.T316	PG 128	44	CSF	20		.5	.010	.120	A	85	J	60.000	G	15μA	15	120	
SF.T317	PG 120	1	CSF	20		.5	.010	.150	A	100	J	40.000	G	15μA	15	100	
SF.T319	PG 120	1	CSF	20		.5	.010	.150	A	100	J	15.000	G	15μA	15	50	
SF.T320	PG 120	1	CSF	20		.5	.010	.150	A	100	J	35.000	G	15μA	15	80	
SF.T322	PG 120	1	CSF	24	20	12.0	.250	.200	A	100	J	1.600	B	15μA	24	50	
SF.T323	PG 120	1	CSF	24	20	12.0	.250	.200	A	100	J	2.600	B	15μA	24	100	
SF.T337	PG 120	1	CSF	15	15	9.0	.100	.150	A	85	J	3.000	B	3μA	9	120	
SF.T352	PG 120	1	CSF	24	20	2.0	.150	.200	A	100	J	1.600	B	15μA	24	58	
SF.T353	PG 120	1	CSF	24	20	2.0	.150	.200	A	100	J	2.400	B	15μA	24	92	
SF.T354	PG 128	44	CSF	20		.5	.010	.120	A	85	J	65.000	G	15μA	15	120	
SF.T357	PG 128	44	CSF	20		.5	.010	.120	A	85	J	85.000	G	15μA	15	120	
SF.T357P	PG 128	44	CSF	30	10	.5	.010	.120	A	85	J	60.000	G	20μA	30	160	
SF.T358	PG 128	44	CSF	20		.5	.010	.120	A	85	J	110.000	G	15μA	15	120	
SHA7520	PS 903 A		SOL	35	35	35.0		1.000	A	160	J	.800	B	100NA		10	.001
SHA7521	PS 903 A		SOL	60	60	60.0		1.000	A	160	J	.800	B	100NA		10	.001
SHA7522	PS 903 A		SOL	15	15	15.0		1.000	A	160	J	.800	B	100NA		22	.001
SHA7523	PS 903 A		SOL	35	35	35.0		1.000	A	160	J	.800	B	100NA		22	.001
SHA7524	PS 903 A		SOL	60	60	60.0		1.000	A	160	J	.800	B	100NA		22	.001
SHA7525	PS 903 A		SOL	110	110	110.0		1.000	A	160	J	.800	B	100NA		22	.001
SHA7526	PS 903 A		SOL	15	15	15.0		1.000	A	160	J	.800	B	100NA		44	.001
SHA7527	PS 903 A		SOL	35	35	35.0		1.000	A	160	J	.800	B	100NA		44	.001
SHA7528	PS 903 A		SOL	60	60	60.0		1.000	A	160	J	.800	B	100NA		44	.001
SHA7529	PS 903 A		SOL	90	90	90.0		1.000	A	160	J	.800	B	100NA		22	.001
SHA7530	PS 211	5	SOL	35	35	35.0		.400	A			.800	B	100NA		10	.001
SHA7531	PS 211	5	SOL	60	60	60.0		.400	A			.800	B	100NA		10	.001
SHA7532	PS 211	5	SOL	15	15	15.0		.400	A			.800	B	100NA		22	.001
SHA7533	PS 211	5	SOL	35	35	35.0		.400	A			.800	B	100NA		22	.001
SHA7534	PS 211	5	SOL	60	60	60.0		.400	A			.800	B	100NA		22	.001
SHA7535	PS 211	5	SOL	110	110	110.0		.400	A			.800	B	100NA		22	.001
SHA7536	PS 211	5	SOL	15	15	15.0		.400	A			.800	B	100NA		44	.001
SHA7537	PS 211	5	SOL	35	35	35.0		.400	A			.800	B	100NA		44	.001
SHA7538	PS 211	5	SOL	60	60	60.0		.400	A			.800	B	100NA		44	.001
SHA7539	PS 211	5	SOL	90	90	90.0		.400	A			.800	B	100NA		22	.001
SHA7597	PS 903 A		SOL	50	40	20.0		1.000	A	160	J	.800	B	100NA		14	.001
SHA7598	PS 903 A		SOL	50	35	20.0		1.000	A	160	J	.800	B	100NA		29	.001
SHA7599	PS 903 A		SOL	50	30	20.0		1.000	A	160	J	.800	B	100NA		58	.001
SK3003	PG 120	1	RCA	20	18	2.5	.500	.150	A			AUD	G			90	.050
SK3004	PG 120	1	RCA	32	25	12.0	1.000	.600	A			AUD	G			90	.150
SK3005	PG 120	1	RCA	40	40	5.0	.010	.080	A			RF AMP	G			90	.001
SK3006	PG 75	45	RCA	30	15	.5	.010	.080	A			FM IF	G			100	.001
SK3007	PG 75	7	RCA	24	15	.5	.010	.080	A			130.000	G			120	.001
SK3008	PG 120	1	RCA	34	15	.5	.010	.080	A			RF AMP	G			150	.001
SK3009	PG 605	3	RCA	60	50	10.0	10.000	30.000	C			AUD	G			90	.200
SK3010	NG 120	1	RCA	30	30	12.0	.100	.150	A			AUD	G			90	.050
SK3011	NG 120	1	RCA	25	25	12.0	.100	.150	A			RF AMP	G			70	.001
SK3012	PG 405	36	RCA	50	30	20.0	15.000	150.000	C			AUD	G			50	5.000
SK3013			M.P.SK3009														
SK3014	PG 605	3	RCA	75	50	5.0	11.000	40.000	C			AUD	G			150	8.000
SK3015			M.P.SK3014														
SK3018	NS 217	72	RCA	30	30	3.0	.020	.180	A			550.000	G			80	.002
SK3019	NS 217	72	RCA	20	20	3.0	.020	.150	A			UHF OSC	G			130	.002
SK3020	NS 211	5	RCA	30	25	7.0	.800	1.000	A			150.000	G			125	.100
SK3021	NS 605	66	RCA	300	300	4.0	.150	6.000	C			25.000	G			105	.050
SK3024	NS 211	5	RCA	100	90	7.0	1.000	5.000	C			150.000	G			100	.150
SK3025	PS 211	5	RCA	90	90	7.0	1.000	7.000	C			100.000	G			100	.150
SK3026	NS 605	66	RCA	90	60	7.0	4.000	29.000	C			1.000	G			70	.100
SK3027	NS 605	3	RCA	100	80	7.0	15.000	115.000	C			2.000	G			70	.300
SK3028			M.P.SK3026														
SK3029			M.P.SK3027														
SK3034	PG 605	3	RCA	200		1.5	10.000	32.000	C			HOR AMP	G			35	4.000
SK3035	PG 605	3	RCA	220		1.5	10.000	32.000	C			HOR AMP	G			25	4.000
SK3036	NS 605	3	RCA	90	80	5.0	30.000	150.000	C			1.500	G			100	1.500
SK3037			M.P.SK3036														
SK3038	NS 211	5	RCA	30	25	7.0	.300	.300	A			AUD	G			175	.100
SK3039	NS 217	72	RCA	20	20	3.0	.020	.150	A			1000.000	G			60	.002
SK3040	NS 211	5	RCA	200	200	6.0	.100	1.000	A			VID AMP	G			55	.050
SK3041	NS 54	220 AB	RCA	35	35	5.0	4.000	36.000	C			AUD	G			100	.500
SK3044	NS 211	5	RCA	300	300	7.0	1.000	1.000	C			30.000	G			80	.050
SK3045	NS 635 B		RCA	300	300	6.0	1.000	10.000	C			30.000	G			80	.050
SK3046	NS 211	5	RCA	60	30	2.0	.250	.500	A			300.000	G			50	.015
SK3047	NS 211	5	RCA	60	30	2.0	.250	2.000	C			300.000	G			50	.050
SK3048	NS 211	5	RCA	60	30	2.5	1.500	5.000	C			200.000	G			60	.300
SK3049	NS 635 B		RCA	60	30	2.5	1.500	10.000	C			200.000	G			60	.300
SK3052	PG 605	66	RCA	60	60	12.0	2.000	6.000	C			.450	G			110	.500
SK3053	PS 211	5	RCA	200	200	4.0	1.000	10.000	C			50.000	G			90	.050
SK3054	NS 54	220 AB	RCA	90	70	5.0	7.000	50.000	C			2.000	G			70	1.000
SK3079	NS 605	3	RCA	160	140	7.0	15.000	117.000	C			1.000	G			80	.500
SK3082	PG 605 C		RCA	35	35	6.0	2.000	12.000	C			.450	G			110	.200
SK3083	PS 54	220 AB	RCA	80	70	5.0	7.000	40.000	C			20.000	G			70	1.500
SK3084	PS 54	220 AB	RCA	40	30	5.0	7.000	40.000	C			20.000	G			100	3.000
SK3085	PS 605	66	RCA	90	80	5.0	6.000	40.000	C			12.000	G			60	1.500
SK3086			M.P.SK3082														
SK3103	NS 46 A		RCA	450	350	6.0	1.000	20.000	C			30.000	G			100	.050
SK3104	NS 46 A		RCA	300	250	6.0	1.000	20.000	C			30.000	G			75	.020
SK3111	NS 605	3	RCA	200	500	6.0	10.000	22.000	C			10.000	G			25	1.500
SK3114	PS 43	92	RCA	60	50	5.0	.500	.400	A			200.000	G			175	.150
SK3115	NS 605	3	RCA	500		5.0	7.000	65.000	C			10.000	G			5	2.500
SK3117	NS 217	72	RCA	20	20	3.0	.020	.180	A			550.000	G			60	.002

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C) COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
SK3118	PS 40	92	RCA	50	40	5.0	.750	.500	A		200.000	G			100	.002
SK3122	NS 50 A		RCA	50	50	4.0	.500	.400	A		200.000	G			150	.010
SK3123	PG 171	8	RCA	60	40	5.0	5.000	9.000	C		1.000	G			80	.400
SK3124	NS 43	92	RCA	50	30	5.0	.300	.300	A		175.000	G			175	.020
SK3131	NS 605	66	RCA	200	140	6.0	2.000	12.500	C		1.000	G			70	.200
SK3132	NS 217	72	RCA	40	40	3.0	.050	.300	A		800.000	G			100	.010
SK3133	NS 605	3	RCA	500	550	5.0	1.000	22.000	C		1.000	G			70	.100
SK3137	NS 43 C		RCA	60	50	5.0	1.000	.600	A		200.000	G			150	.150
SK3138	PS 43 C		RCA	60	50	5.0	1.000	.600	A		200.000	G			150	.150
SK3510	NS 605	3	RCA	100	60	7.0	15.000	115.000	C	200 J	1.500	G	700µA	60	45	2.000
SK3511	NS 605	3	RCA	90	80	5.0	30.000	150.000	C	200 J	1.500	G	10MA	60	40	8.000
SK3512	NS 211	5	RCA	100	90	7.0	2.000	10.000	C	110 J	70.000	G	500NA	100	90	.400
SK3513	PS 211	5	RCA	100	90	7.0	2.000	10.000	C	110 J	70.000	G	500NA	100	70	.400
SK3528	PS 211	5	RCA	350	250	6.0	1.000	10.000	C		50.000	G			50	.050
SK3529	NS 211	5	RCA	75	50	5.0	3.000	5.000	C		350.000	G			50	.500
SK3530	NS 171	8	RCA	100	55	12.0	3.000	25.000	C		1.000	G			30	1.000
SK3534	NS 54	220 AB	RCA	80	70	8.0	10.000	75.000	C		2.000	G			55	1.000
SK3535	NS 605	3	RCA	170	150	7.0	30.000	250.000	C		2.000	G			40	4.000
SK3536	NS 722 B		RCA	160	140	7.0	3.000	4.400	C		1.000	G			100	.150
SK3537	NS 722 B		RCA	200	200	3.0	1.000	4.000	C		10.000	G			100	.050
SK3538	NS 605	66	RCA	170	150	7.0	4.000	50.000	C		1.000	G			50	.500
SN60	NS 210	18	SEM	25	15	4.0	.200	.300	A		300.000	G			100	
SN80	NS 210	5	SEM	60	40	5.0	.800	.800	A		800.000	G			70	
SO-1	PG 105	24	SPR	5	5		.005	.020	A	65 J	20.000	F	10µA	5	10	
SO-2	PG 105	24	SPR	3	3		.005	.015	A	65 J	10.000	F	10µA	3	10	
SO-3	PG 105	24	SPR	5	5		.005	.020	A	65 J	30.000	F	10µA	5	10	
SP70	PS 210	5	SEM	60	40	5.0	.800	.800	A		800.000	G			70	
SP90	PS 210	18	SEM	25	15	4.0	.200	.300	A		300.000	G			100	
SRF1001			SEE RF POWER SECTION													
SRF1002			SEE RF POWER SECTION													
SRF11101			SEE RF POWER SECTION													
SRF12101			SEE RF POWER SECTION													
SRF12212			SEE RF POWER SECTION													
SRF12213			SEE RF POWER SECTION													
SRF13113			SEE RF POWER SECTION													
SRF13122			SEE RF POWER SECTION													
SRF13123			SEE RF POWER SECTION													
SRF13212			SEE RF POWER SECTION													
SRF13213			SEE RF POWER SECTION													
SRF21140			SEE RF POWER SECTION													
SRF23121			SEE RF POWER SECTION													
SRF23211			SEE RF POWER SECTION													
SRF32214			SEE RF POWER SECTION													
SRF52101			SEE RF POWER SECTION													
SRF52214			SEE RF POWER SECTION													
SRF53104			SEE RF POWER SECTION													
SRF53114			SEE RF POWER SECTION													
SRF53215			SEE RF POWER SECTION													
SRF54215			SEE RF POWER SECTION													
ST400	NS 561	61	TEC	60	60	10.0		78.000	C	200 J	12.000	G	10MA	60	40	
ST401	NS 561	61	TEC	45	45	5.0		78.000	C	200 J	12.000	G	20MA	45	44	
ST440	NS 731	53	TEC	60	60	5.0		60.000	C	150 J	4.000	B	20MA	60	25	
ST450	NS 561	61	TEC	60	60	5.0		600.000	C	150 J	4.000	B	20MA	60	25	
ST4150	NS 210	5	TEC	60	60	6.0		.600	A	200 J	8.000	G	15µA	60	25	
ST4201	NS 210	5	TEC	45	45	4.0		.600	A	200 J			15µA	30	24	
ST4202	NS 210	5	TEC	75	75	4.0		.600	A	200 J			15µA	30	24	
ST4203	NS 210	5	TEC	45	45	4.0		.600	A	200 J			15µA	30	60	
ST4204	NS 210	5	TEC	75	75	4.0		.600	A	200 J			15µA	30	60	
ST5641	NS 211	18	TEC	30	25										75	.001
ST7100	NS 211	18	TEC	60	30			.360	A		60.000	G	2NA	45	600	.001
ST10000	PS 561	61	TEC		80		10.000	50.000	C						30	5.000
ST10001	PS 561	61	TEC		100		10.000	50.000	C						30	5.000
ST10007	PS 560	63	TEC	80	80	8.0	30.000	150.000	H	200 S	20.000	G	100µA	65	75	10.000
ST10008	PS 560	63	TEC	100	100	8.0	30.000	150.000	H	200 S	20.000	G	100µA	80	75	10.000
ST10009	PS 560	63	TEC	120	120	8.0	30.000	150.000	H	200 S	20.000	G	100µA	100	75	10.000
ST14000	NS 561	63	TEC		80		80.000	200.000	C						30	50.000
ST14000A	NS 561	63	TEC		100		80.000	200.000	C						30	50.000
ST14011	NS 561	63	TEC	100	60		20.000	200.000	C		10.000	G	10µA	80	90	20.000
ST14012	NS 561	63	TEC	125	80		20.000	200.000	C		10.000	G	10µA	100	90	20.000
ST14013	NS 561	63	TEC	150	100		20.000	200.000	C		10.000	G	10µA	120	90	20.000
ST14030	NS 560	63	TEC	125	80	10.0	60.000	300.000	H	200 S	10.000	G	100µA	100	75	20.000
ST14031	NS 560	63	TEC	145	100	10.0	60.000	300.000	H	200 S	10.000	G	100µA	120	75	20.000
ST14032	NS 560	63	TEC	170	120	10.0	60.000	300.000	H	200 S	10.000	G	100µA	135	75	20.000
ST15013	NS 561	63	TEC	100	60			125.000	C		10.000	G	10µA	80	120	10.000
ST15014	NS 561	63	TEC	125	80		40.000	125.000	C		10.000	G	10µA	100	120	10.000
ST15015	NS 561	63	TEC	150	100		40.000	125.000	C		10.000	G	10µA	120	120	10.000
ST15043	NS 561	63	TEC	125	80	10.0	40.000	187.500	H	200 S	10.000	G	100µA	100	75	10.000
ST15044	NS 561	63	TEC	145	100	10.0	40.000	187.500	H	200 S	10.000	G	100µA	120	75	10.000
ST15045	NS 561	63	TEC	170	120	10.0	40.000	187.500	H	200 S	10.000	G	100µA	135	75	10.000
ST17003	NS 561	63	TEC		80		20.000	50.000	C						30	10.000
ST17004	NS 561	63	TEC		100		20.000	50.000	C						30	10.000
ST17060	NS 561	63	TEC	125	80	10.0	30.000	150.000	H	200 S	10.000	G	100µA	100	75	10.000
ST17061	NS 561	63	TEC	145	100	10.0	30.000	150.000	H	200 S	10.000	G	100µA	120	75	10.000
ST17062	NS 561	63	TEC	170	120	10.0	30.000	150.000	H	200 S	10.000	G	100µA	135	75	10.000
ST18007	NS 561	63	TEC	425	400	12.0	20.000	150.000	H	200 S	10.000	G	250µA	340	90	10.000
ST18008	NS 561	63	TEC	325	300	12.0	20.000	150.000	H	200 S	10.000	G	250µA	260	90	10.000
ST18009	NS 561	63	TEC	225	200	12.0	20.000	150.000	H	200 S	10.000	G	250µA	180	90	10.000
ST18010	NS 561	63	TEC		200		2.000	100.000	C						30	10.000
ST18011	NS 561	61	TEC	425	400	12.0	10.000	75.000	H	200 S	10.000	G	250µA	340	90	5.000
ST18012	NS 561	61	TEC	325	300	12.0	10.000	75.000	H	200 S	10.000	G	250µA	260	90	5.000
ST18013	NS 561	61	TEC	225	200	12.0	10.000	75.000	H	200 S	10.000	G	250µA	180	90	5.000
ST18014	NS 561	61	TEC		200		10.000	50.000	C						30	5.000
ST18015	NS 561	59	TEC	425	400	12.0	5.000	45.000	H	200 S	10.000	G	100µA	340	90	2.500
ST18016	NS 561	59	TEC	325	300	12.0	5.000	45.000	H	200 S	10.000	G	100µA	260	90	2.500
ST18017	NS 561	59	TEC	225	200	12.0	5.000	45.000	H	200 S	10.000	G	100µA	180	90	2.500
ST18018	NS 561	59	TEC		200		5.000	30.000	C						30	2.500
ST40000	PS 561	63	TEC		80		40.000	100.000	C						30	25.000
ST40001	PS 561	63	TEC		100		40.000	100.000	C						30	25.000
ST40002	PS 560	63	TEC	80	80	8.0	60.000	300.000	H	200 S	20.000	G	100µA	65	70	20.000
ST40003	PS 560	63	TEC	100	100	8.0	60.000	300.000	H	200 S	20.000	G	100µA	80	70	20.000
ST40004	PS 560	63	TEC	120	120	8.0	60.000	300.000	H	200 S	20.000	G	100µA	100	70	20.000
ST54000	PS 561	63	TEC		80		20.000	100.000	C						30	10.000
ST54001	PS 561	63	TEC		100		20.000	100.000	C						30	10.000
ST54004	PS 560	63	TEC	80	80	8.0	40.000	187.500	H	200 S	20.000	G	100µA	65	75	10.000
ST54005	PS 560	63	TEC	100	100	8.0	40.000	187.500	H	200 S	20.000	G	100µA	80	75	10.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
ST54006	PS 560	63	TEC	120	120	8.0	40.000	187.500	H	200	S	20.000	G	100μA	100	75	10.000
ST61000	PS 211	18	TEC	40	35											150	.001
ST72000	PS 561	59	TEC		80		2.000	30.000	C							75	1.000
ST72000A	PS 561	59	TEC		100		2.000	30.000	C							75	1.000
ST72011	PS 561	59	TEC	40	40			30.000	C			30.000	G	1μA	30	80	1.500
ST72012	PS 561	59	TEC	60	60			30.000	C			30.000	G	1μA	40	80	1.500
ST72013	PS 561	59	TEC	80	80			30.000	C			30.000	G	1μA	60	80	1.500
ST72014	PS 561	59	TEC	100	100			30.000	C			30.000	G	1μA	80	80	1.500
ST72015	PS 561	61	TEC	60	60			50.000	C			10.000	G	10μA	60	80	3.000
ST72016	PS 561	61	TEC	80	80			50.000	C			10.000	G	10μA	60	80	3.000
ST72017	PS 561	61	TEC	100	100			50.000	C			10.000	G	10μA	80	80	3.000
ST72018	PS 561	63	TEC	40	40			100.000	C			10.000	G	10μA	30	70	10.000
ST72019	PS 561	63	TEC	60	60			100.000	C			10.000	G	10μA	40	70	10.000
ST72020	PS 561	63	TEC	80	80			100.000	C			10.000	G	10μA	60	70	10.000
ST72021	PS 561	63	TEC	100	100			100.000	C			10.000	G	10μA	80	70	10.000
ST72036	PS 560	59	TEC	80	80	8.0	5.000	45.000	H	200	S	20.000	G	20μA	65	75	2.000
ST72037	PS 560	59	TEC	100	100	8.0	5.000	45.000	H	200	S	20.000	G	20μA	80	75	2.000
ST72038	PS 560	59	TEC	120	120	8.0	5.000	45.000	H	200	S	20.000	G	20μA	100	75	2.000
ST72039	PS 211	5	TEC	80	80	8.0	5.000	15.000	H	200	S	20.000	G	20μA	65	75	2.000
ST72040	PS 211	5	TEC	100	100	8.0	5.000	15.000	H	200	S	20.000	G	20μA	80	75	2.000
ST72041	PS 211	5	TEC	120	120	8.0	5.000	15.000	H	200	S	20.000	G	20μA	100	75	2.000
ST74000	NS 211	5	TEC		100			10.000	C							105	1.000
ST74049	NS 211	5	TEC	125	80	10.0	2.000	11.000	H	200	S	30.000	G	10μA	100	75	1.000
ST74050	NS 211	5	TEC	145	100	10.0	2.000	11.000	H	200	S	30.000	G	10μA	120	75	1.000
ST74051	NS 211	5	TEC	170	120	10.0	2.000	11.000	H	200	S	30.000	G	10μA	135	75	1.000
ST75000	PS 211	5	TEC		80		1.000	10.000	C							75	1.000
ST75001	PS 211	5	TEC		100		1.000	10.000	C							75	1.000
ST75004	PS 211	5	TEC	80	80	8.0	2.000	11.000	H	200	S	20.000	G	10μA	65	75	1.000
ST75005	PS 211	5	TEC	100	100	8.0	2.000	11.000	H	200	S	20.000	G	10μA	80	75	1.000
ST75006	PS 211	5	TEC	120	120	8.0	2.000	11.000	H	200	S	20.000	G	10μA	100	75	1.000
ST76006	PS 561	59	TEC		80		5.000	30.000	C							30	2.500
ST76007	PS 561	59	TEC		100		5.000	30.000	C							30	2.500
ST76018	PS 561	59	TEC	80	80	8.0	10.000	60.000	H	200	S	20.000	G	30μA	65	75	2.000
ST76019	PS 561	59	TEC	100	100	8.0	10.000	60.000	H	200	S	20.000	G	30μA	80	75	2.000
ST76020	PS 561	59	TEC	120	120	8.0	10.000	60.000	H	200	S	20.000	G	30μA	100	75	2.000
ST84000	NS 211	5	TEC		100		.500	5.000	C							80	.200
ST84027	NS 211	5	TEC	170	120	10.0	1.000	7.500	H			10.000	G	10μA	130	70	.200
ST84028	NS 211	5	TEC	190	140	10.0	1.000	7.500	H			10.000	G	10μA	150	70	.200
ST84029	NS 211	5	TEC	220	180	10.0	1.000	7.500	H			10.000	G	10μA	170	70	.200
ST86020	NS 561	61	TEC	125	80	10.0	5.000	75.000	H			10.000	G	100μA	100	50	3.000
ST86021	NS 561	61	TEC	145	100	10.0	5.000	75.000	H			10.000	G		120	50	3.000
ST86022	NS 561	61	TEC	170	120	10.0	5.000	75.000	H			10.000	G		135	50	3.000
ST90000	NS 561	59	TEC		100		5.000	30.000	C							115	1.000
ST91000	NS 561	59	TEC		100		2.000	30.000	C							105	1.000
ST91054	NS 211	5	TEC	125	80	10.0	5.000	15.000	H	200	S	10.000	G	20μA	100	75	2.000
ST91055	NS 211	5	TEC	145	100	10.0	5.000	15.000	H	200	S	10.000	G	20μA	120	75	2.000
ST91056	NS 211	5	TEC	170	120	10.0	5.000	15.000	H	200	S	10.000	G	20μA	135	75	2.000
ST91057	NS 561	59	TEC	125	80	10.0	10.000	60.000	H	200	S	10.000	G	30μA	100	75	2.000
ST91058	NS 561	59	TEC	145	100	10.0	10.000	60.000	H	200	S	10.000	G	30μA	120	75	2.000
ST91059	NS 561	59	TEC	170	120	10.0	10.000	60.000	H	200	S	10.000	G	30μA	135	75	2.000
ST91085	NS 561	59	TEC	125	80	10.0	5.000	45.000	H	200	S	10.000	G	20μA	100	75	2.000
ST91086	NS 561	59	TEC	145	100	10.0	5.000	45.000	H	200	S	10.000	G	20μA	120	75	2.000
ST91087	NS 561	59	TEC	170	120	10.0	5.000	45.000	H	200	S	10.000	G	20μA	135	75	2.000
ST92006	NS 561	59	TEC	125	80	10.0	20.000	45.000	H	200	J	10.000	G	20μA	100	50	1.000
ST92007	NS 561	59	TEC	145	100	10.0	20.000	45.000	H	200	J	10.000	G	20μA	120	50	1.000
ST92008	NS 561	59	TEC	170	120	10.0	20.000	45.000	H	200	J	10.000	G	20μA	135	50	1.000
STC1024	NS 731	53	STC		60		5.000	85.000	C					1MA	80	41	1.500
STC1080	NS 605	3	STC		40		3.000	75.000	C					10MA	40	21	1.000
STC1081	NS 605	3	STC		60		3.000	75.000	C					10MA	60	21	1.000
STC1082	NS 605	3	STC		80		3.000	75.000	C					10MA	80	21	1.000
STC1083	NS 605	3	STC		40		5.000	75.000	C					10MA	40	18	2.000
STC1084	NS 605	3	STC		60		5.000	75.000	C					10MA	60	18	2.000
STC1085	NS 605	3	STC		80		5.000	75.000	C					10MA	80	18	2.000
STC1300	NS 461	57	STC		40		1.500	40.000	C					1MA	60	40	.300
STC1550	NS 561	61	STC		40		3.000	85.000	C					1MA	40	21	1.000
STC1551	NS 561	61	STC		60		3.000	85.000	C					1MA	60	21	1.000
STC1552	NS 561	61	STC		80		3.000	85.000	C					1MA	80	21	1.000
STC1553	NS 561	61	STC		40		5.000	85.000	C					1MA	40	17	2.000
STC1726	NS 561	63	STC	80	80	10.0	20.000	200.000	C	200	J			2MA	80	50	
STC1728	NS 561	63	STC	80	80	10.0	30.000	200.000	C	200	J			2MA	80	24	
STC1731	NS 561	63	STC	100	100	10.0	20.000	200.000	C	200	J			2MA	100	50	
STC1733	NS 561	63	STC	100	100	10.0	30.000	200.000	C	200	J			2MA	100	24	
STC1736	NS 561	63	STC	150	150	10.0	20.000	200.000	C	200	J			2MA	150	50	
STC1738	NS 561	63	STC	150	150	10.0	30.000	200.000	C	200	J			2MA	150	24	
STC1800	NS 631	37	STC		40		2.500	17.500	C					50μA	60	40	.300
STC1850	NS 631	37	STC		60		3.000	17.500	C					350μA	80	30	1.000
STC2220	NS 605	3	STC	80	80	10.0	20.000	200.000	C	200	J			2MA	80	30	
STC2221	NS 605	3	STC	100	100	10.0	20.000	200.000	C	200	J			2MA	100	30	
STC2222	NS 605	3	STC	150	150	10.0	20.000	200.000	C	200	J			2MA	150	30	
STC2223	NS 605	3	STC	200	200	10.0	20.000	200.000	C	200	J			2MA	200	30	
STC2224	NS 605	3	STC	80	80	10.0	25.000	200.000	C	200	J			2MA	80	30	
STC2225	NS 605	3	STC	100	100	10.0	25.000	200.000	C	200	J			2MA	100	30	
STC2226	NS 605	3	STC	150	150	10.0	25.000	200.000	C	200	J			2MA	150	30	
STC2227	NS 605	3	STC	200	200	10.0	25.000	200.000	C	200	J			2MA	200	30	
STC2228	NS 605	3	STC	80	80	10.0	30.000	200.000	C	200	J			2MA	80	26	
STC2229	NS 605	3	STC	100	100	10.0	30.000	200.000	C	200	J			2MA	100	26	
STC2230	NS 605	3	STC	150	150	10.0	30.000	200.000	C	200	J			2MA	150	26	
STC2231	NS 605	3	STC		200		30.000	200.000	C					2MA	200	20	20.000
STC3706	NS 561	63	STC	200	200	10.0	30.000	200.000	C	200	J			2MA	200	24	
STC4401	NS 605	66	STC	50	40	5.0	4.000	25.000	C	200	J			1MA	30	50	1.500
STC5109/I	PS 730	53	STC	40	40	10.0	3.000	85.000	C	200	J			250μA	20	36	1.000
STC5110/I	PS 730	53	STC	60	60	10.0	3.000	85.000	C	200	J			250μA	30	36	1.000
STC5111/I	PS 730	53	STC	80	80	10.0	3.000	85.000	C	200	J			250μA	40	36	1.000
STC5112/I	PS 730	53	STC	40	40	10.0	2.000	85.000	C	200	J			250μA	20	36	.500
STC5113/I	PS 730	53	STC	60	60	10.0	2.000	85.000	C	200	J			250μA	30	36	.500
STC5114/I	PS 730	53	STC	80	80	10.0	2.000	85.000	C	200	J			250μA	40	36	.500
STC5202	PS 171	8	STC	40	40	10.0	3.000	25.000	C	200	J			250μA	20	36	1.000
STC5203	PS 171	8	STC	60	60	10.0	3.000	25.000	C	200	J			250μA	30	36	1.000
STC5204	PS 171	8	STC	80	80	10.0	3.000	25.000	C	200	J			250μA	40	36	1.000
STC5205	PS 171	8	STC	40	40	10.0	2.000	25.000	C	200	J			250μA	20	36	.500
STC5206	PS 171	8	STC	60	60	10.0	2.000	25.000	C	200	J			250μA	30	36	.500
STC5207	PS 171	8	STC	80	80	10.0	2.000	25.000	C	200	J			250μA	40	36	.500
STC5519/I	PS 560	61	STC	40	40	10.0	3.000	85.000	C	200	J			250μA	20	36	1.000
STC5520/I	PS 560	61	STC	60	60	10.0	3.000	85.000	C	200	J			250μA	30	36	1.000
STC5521/I	PS 560	61	STC	80	80	10.0	3.000	85.000	C	200	J			250μA	40	36	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND (MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
STC5522/1	PS 560	61	STC	40	40	10.0	2.000	85.000	C	200 J			250µA	20	36	.500
STC5523/1	PS 560	61	STC	60	60	10.0	2.000	85.000	C	200 J			250µA	30	36	.500
STC5524/1	PS 560	61	STC	80	80	10.0	2.000	85.000	C	200 J			250µA	40	36	.500
STC5610	PS 211	5	STC		60	10.0	1.000	8.750	C	200 J	1.000	G	150µA	20	35	.150
STC5611	PS 211	5	STC		100	10.0	1.000	8.750	C	200 J	1.000	G	150µA	40	35	.150
STC5612	PS 211	5	STC		120	10.0	1.000	8.750	C	200 J	1.000	G	150µA	80	35	.150
STC5624	PS 211	5	STC	120	120	10.0	1.000	8.750	C	200 J			250µA	60	24	
STC5802	PS 631	37	STC	40	40	10.0	3.000	17.500	C	200 J			250µA	20	36	1.000
STC5803	PS 631	37	STC	60	60	10.0	3.000	17.500	C	200 J			250µA	30	36	1.000
STC5804	PS 631	37	STC	80	80	10.0	3.000	17.500	C	200 J			250µA	40	36	1.000
STC5805	PS 631	37	STC	40	40	10.0	2.000	17.500	C	200 J			250µA	20	36	.500
STC5806	PS 631	37	STC	60	60	10.0	2.000	17.500	C	200 J			250µA	30	36	.500
STC5807	PS 631	37	STC	80	80	10.0	2.000	17.500	C	200 J			250µA	40	36	.500
STC7644	NS 211	5	STC	150	150	10.0	3.000	8.750	C	200 J			250µA	125	40	
STC7645	NS 211	5	STC	180	180	10.0	3.000	8.750	C	200 J			250µA	180	38	
STI-10	NS 211	5	STI	100	100R			1.000	A		30.000	G	3µA	75	30	.055
STI-20	NS 211	5	STI	200	200R			1.000	A		30.000	G	3µA	175	30	.055
STI-30	NS 211	5	STI	300	300R			1.000	A		30.000	G	3µA	250	30	.055
STI-40	NS 211	5	STI	400	400R			1.000	A		30.000	G	3µA	280	30	.045
STI-50	NS 211	5	STI	500	500R			1.000	A		30.000	G	3µA	350	30	.035
STI-60	NS 211	5	STI	600	600R			1.000	A		30.000	G	4µA	450	30	.025
STI-70	NS 211	5	STI	700	700R			1.000	A		30.000	G	4µA	550	30	.020
STI-105	NS 635 B		STI	100	100R			2.000	A		30.000	G	3µA	75	30	.075
STI-205	NS 635 B		STI	200	200R			2.000	A		30.000	G	3µA	175	30	.060
STI-305	NS 635 B		STI	300	300R			2.000	A		30.000	G	3µA	250	30	.055
STI-405	NS 635 B		STI	400	400R			2.000	A		30.000	G	3µA	280	30	.045
STI-505	NS 635 B		STI	500	500R			2.000	A		30.000	G	3µA	350	30	.035
STI-605	NS 635 B		STI	600	600R			2.000	A		30.000	G	4µA	450	30	.025
STI-705	NS 635 B		STI	700	700R			2.000	A		30.000	G	4µA	550	30	.020
STIP-10	PS 211	5	STI	100	100R			1.000	A		30.000	G	3µA	75	30	.020
STIP-20	PS 211	5	STI	200	200R			1.000	A		30.000	G	4µA	175	30	.020
STIP-30	PS 211	5	STI	300	300R			1.000	A		30.000	G	4µA	250	30	.020
STIP-40	PS 211	5	STI	400	400R			1.000	A		30.000	G	4µA	280	30	.020
STIP-105	PS 635 B		STI	100	100R			2.000	A		30.000	G	3µA	75	30	.020
STIP-205	PS 635 B		STI	200	200R			2.000	A		30.000	G	4µA	175	30	.020
STIP-305	PS 635 B		STI	300	300R			2.000	A		30.000	G	4µA	250	30	.020
STIP-405	PS 635 B		STI	400	400R			2.000	A		30.000	G	4µA	280	30	.020
STS1121	NS 605	3	SEN	200	200X	7.0	10.000	117.000	C	200 J	.025	F	2MA	200	37	3.000
STS1122	NS 605	3	SEN	200	200X	7.0	15.000	115.000	C	200 J	.020	F	2MA	200	37	4.000
STS1131	NS 605	3	SEN		225	7.0	7.500	115.000	C	200 J	4.000	F	1MA	225	33	3.000
STS1132	NS 605	3	SEN		275	7.0	7.500	115.000	C	200 J	4.000	F	1MA	275	33	3.000
STS1133	NS 605	3	SEN		350	7.0	7.500	115.000	C	200 J	4.000	F	1MA	350	33	3.000
STS1134	NS 605	3	SEN		400	7.0	7.500	115.000	C	200 J	4.000	F	1MA	400	33	3.000
STT1800	NS 211	5	STC	80	80	10.0	5.000	5.000	C	200 J	1.000	G	100µA	80	70	1.500
STT1900	NS 171	8	STC	80	80	10.0	5.000	14.000	H	200 J	1.000	G	100µA	80	70	3.000
STT2000	NS 731	53	STC	80	80	10.0	5.000	50.000	H	200 J	1.000	G	100µA	80	70	3.000
STT2050	NS 561	61	STC	80	80	10.0	5.000	50.000	H	200 J	1.000	G	100µA	80	70	3.000
STT2200	NS 561	59	STC	80	80	10.0	5.000	30.000	H	200 J	1.000	G	100µA	80	70	1.500
STT2300	NS 605	3	STC	80	80	10.0	5.000	50.000	H	200 J	1.000	G	100µA	80	70	1.500
STT2400	NS 211	5	STC	150	150	12.0	7.500	10.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2401	NS 211	5	STC	140	120	12.0	7.500	10.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2402	NS 211	5	STC	140	120	12.0	7.500	10.000	H	200 J	25.000	G	1µA	60	88	2.000
STT2403	NS 211	5	STC	120	100	12.0	7.500	10.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2404	NS 211	5	STC	100	80	12.0	7.500	10.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2405	NS 211	5	STC	75	60	10.0	7.500	10.000	H	200 J	25.000	G	1µA	40	52	2.000
STT2406	NS 211	5	STC	40	30	10.0	7.500	10.000	H	200 J	25.000	G	500µA	20	45	2.000
STT2650	NS 561	61	STC	150	150	12.0	7.500	75.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2651	NS 561	61	STC	140	120	12.0	7.500	75.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2652	NS 561	61	STC	140	120	12.0	7.500	75.000	H	200 J	25.000	G	1µA	60	88	2.000
STT2653	NS 561	61	STC	120	100	12.0	7.500	75.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2654	NS 561	61	STC	100	80	12.0	7.500	75.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2655	NS 561	61	STC	75	60	10.0	7.500	75.000	H	200 J	25.000	G	1µA	40	52	2.000
STT2656	NS 561	61	STC	40	30	10.0	7.500	75.000	H	200 J	25.000	G	500µA	20	45	2.000
STT2800	NS 561	59	STC	150	150	12.0	7.500	40.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2801	NS 561	59	STC	140	120	12.0	7.500	40.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2802	NS 561	59	STC	140	120	12.0	7.500	40.000	H	200 J	25.000	G	1µA	60	88	2.000
STT2803	NS 561	59	STC	120	100	12.0	7.500	40.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2804	NS 561	59	STC	100	80	12.0	7.500	40.000	H	200 J	25.000	G	1µA	60	52	2.000
STT2805	NS 561	59	STC	75	60	10.0	7.500	40.000	H	200 J	25.000	G	1µA	40	52	2.000
STT2806	NS 561	59	STC	40	30	10.0	7.500	40.000	H	200 J	25.000	G	500µA	20	45	2.000
STT3000	NS 211	5	STC	80	80	10.0	5.000	5.000	C	200 J	1.000	G	100µA	80	70	3.000
STT3100	NS 171	8	STC	80	80	10.0	5.000	14.000	H	200 J	1.000	G	100µA	80	70	3.000
STT3200	NS 731	53	STC	80	80	10.0	5.000	50.000	H	200 J	1.000	G	100µA	80	70	3.000
STT3250	NS 561	61	STC	80	80	10.0	5.000	50.000	H	200 J	1.000	G	100µA	80	70	3.000
STT3400	NS 561	59	STC	80	80	10.0	5.000	30.000	H	200 J	1.000	G	100µA	80	70	3.000
STT3500	NS 605	3	STC	80	80	10.0	5.000	50.000	H	200 J	1.000	G	100µA	80	70	3.000
STT4451	NS 211	5	STC	80	80	8.0	5.000	4.000	H	200 J	20.000	G	1µA	60	35	1.000
STT4452	NS 211	5	STC	100	80	8.0	5.000	4.000	H	200 J	20.000	G	1µA	60	35	1.000
STT4453	NS 211	5	STC	80	80	8.0	5.000	4.000	H	200 J	20.000	G	1µA	60	70	1.000
STT4454	NS 211	5	STC	100	80	8.0	5.000	4.000	H	200 J	20.000	G	1µA	60	35	1.000
STT4455	NS 211	5	STC	80	80	8.0	5.000	4.000	H	200 J	20.000	G	1µA	60	150	1.000
STT4456	NS 211	5	STC	100	80	8.0	5.000	4.000	H	200 J	20.000	G	1µA	60	35	1.000
STT6309	NS 581	111	STC	80	60	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	35	1.000
STT6310	NS 581	111	STC	100	80	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	35	1.000
STT6312	NS 581	111	STC	80	60	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	70	1.000
STT6313	NS 581	111	STC	100	80	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	70	1.000
STT6315	NS 581	111	STC	80	60	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	150	1.000
STT6316	NS 581	111	STC	100	80	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	150	1.000
STT6409	NS 568	111	STC	80	60	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	35	1.000
STT6410	NS 568	111	STC	100	80	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	35	1.000
STT6412	NS 568	111	STC	80	60	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	70	1.000
STT6413	NS 568	111	STC	100	80	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	70	1.000
STT6415	NS 568	111	STC	80	60	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	150	1.000
STT6416	NS 568	111	STC	100	80	8.0	5.000	30.000	H	200 J	30.000	G	1µA	60	150	1.000
STT9001	NS 211	5	STC	50	30	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	30	1.000
STT9002	NS 211	5	STC	70	50	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	30	1.000
STT9003	NS 211	5	STC	90	70	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	30	1.000
STT9004	NS 211	5	STC	50	30	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	52	1.000
STT9005	NS 211	5	STC	70	50	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	52	1.000
STT9006	NS 211	5	STC	90	70	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	52	1.000
STT9007	NS 211	5	STC	50	30	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	88	1.000
STT9008	NS 211	5	STC	70	50	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	88	1.000
STT9009	NS 211	5	STC	90	70	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	88	1.000
STT9010	NS 211	5	STC	50	30	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	150	1.000
STT9011	NS 211	5	STC	70	50	5.0	5.000	4.000	H	200 J	10.000	G	1µA	25	150	1.000

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
STT9012	NS 211	5	STC	90	70	5.0	5.000	4.000	H	200	J	10.000	G	1μA	25	150	1.000
SYL792	PG 210	5	ETC	20		10.0		.150	A	100	A	4.800	B	6μA	5	75	
SYL1182			SEE 2N2354														
SYL4443	NS 211	5	SYL	70	45	5.0	2.000	5.000	C	200	J	400.000	G	200NA	60	40	
T0003			SEE 2N207														
T0004			SEE 2N207A														
T0005			SEE 2N207B														
T0014			SEE 2N536														
T0015			SEE 2N535A														
T0033			SEE 2N535														
T1013			SEE 2N223														
T1028			SEE 2N128														
T1032			SEE 2N346														
T1038			SEE 2N240														
T1042			SEE 2N226														
T1046			SEE 2N224														
T1166			SEE 2N393														
T1224			SEE 2N344														
T1225			SEE 2N345														
T1250			SEE 2N588														
T1251			SEE 2N499														
T1275			SEE 2N495														
T1276			SEE 2N496														
T1289			SEE 2N300														
T1291			SEE 2N299														
T1312			SEE 2N501														
T1314			SEE 2N504														
T1322			SEE 2N503														
T1326			SEE 2N598														
T1327			SEE 2N1122														
T1328			SEE 2N1122A														
T1334			SEE 2N597														
T1342			SEE 2N502														
T1346			SEE 2N599														
T1347			SEE 2N670														
T1392			SEE 2N1126														
T1393			SEE 2N671														
T1395			SEE 2N600														
T1396			SEE 2N1124														
T1397			SEE 2N1125														
T1398			SEE 2N1127														
T1431			SEE 2N672														
T1472			SEE 2N1495														
T1473			SEE 2N1496														
T1474			SEE 2N1500														
T1475			SEE 2N673														
T1510			SEE 2N501A														
T1512			SEE 2N601														
T1537			SEE 2N1123														
T1546			SEE 2N1129														
T1573			SEE 2N1130														
T1574			SEE 2N1128														
T1808			SEE 2N1494														
T1930			SEE 2N768														
TA2509			SEE 2N3878														
TA2509A			SEE 2N3879														
TA2658			SEE 2N3866														
TA2714			SEE 2N4012														
TA2761			SEE 40608														
TA2791			SEE 2N5102														
TA7285			SEE 2N5202														
TA8007			SEE 2N6479														
TA8007B			SEE 2N6480														
TA8100			SEE 2N6481														
TA8100B			SEE 2N6482														
TA8172			SEE 40970														
TA8201			SEE 2N6388														
TA8202			SEE 2N6386														
TA8340			SEE 41038														
TA8343			SEE 2N6478														
TA8348			SEE 2N6385														
TA8349			SEE 2N6383														
TA8352			SEE 2N6372														
TA8353			SEE 2N6373														
TA8354			SEE 2N6374														
TA8405			SEE 2N6477														
TA8485			SEE 2N6387														
TA8486			SEE 2N6384														
TA8493			SEE 40971														
TA8559			SEE 40954														
TA8561			SEE 40955														
TA8647			SEE 41025														
TA8648			SEE 41026														
TA8649			SEE 41027														
TA8650			SEE 41028														
TA8719			SEE 41008														
TA8720			SEE 41009														
TA8721			SEE 41010														
TA8746			SEE 2N6393														
TA8747			SEE 2N6390														
TA8748			SEE RCA2003														
TA8749			SEE 2N6391														
TA8750			SEE RCA2005														
TA8751			SEE 2N6392														
TA8752			SEE RCA2010														
TA8803			SEE RCA2310														
TA8865			SEE 41039														
TA8894			SEE 41042														
TA8923			SEE RCA0610-30														
TA8932			SEE 2N6500														
TA8955			SEE 41044														
TF78/30	PG 170	8	SIH	32	24	10.0	.600	3.000	C	90	J	.700	F	30μA	32	68	.050
TF78/60	PS 170	8	SIH	64	45	16.0	.600	3.000	C	90	J	.700	F	30μA	64	68	.050
TI-156	PG 211 G		TII	30	30	15.0	3.000	25.000	C	100	J	.220	G	650μA	30	60	
TI-156L	PG 211 F		TII	30	30	15.0	3.000	25.000	C	100	J	.220	G	650μA	30	60	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response		Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	Cond	Temp. (°C)	Cond	(MHz)	Cond	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
TI-158	PG 211 G		TII	60	40	30.0	3.000	25.000	C	100 J		.220 G		650µA	60	60	
TI-158A	PG 211 G		TII	80	60	30.0	3.000	25.000	C	100 J		.220 G		650µA	80	60	
TI-158AL	PG 211 F		TII	80	60	30.0	3.000	25.000	C	100 J		.220 G		650µA	80	60	
TI-158L	PG 211 F		TII	60	40	30.0	3.000	25.000	C	100 J		.220 G		650µA	60	60	
TI-159	PG 211 H		TII	40	30	20.0	3.000	20.000	C	100 C		225.000 G		125µA	20	50	
TI-160	PG 211 H		TII	80	50	20.0	3.000	20.000	C	100 C		225.000 G		125µA	40	50	
TI-161	PG 211 H		TII	80	50	20.0	3.000	20.000	C	100 C		225.000 G		125µA	40	50	
TI-162	PG 211 H		TII	100	60	20.0	3.000	20.000	C	100 C		225.000 G		125µA	50	50	
TI-363	PG 120	58	TII	30			.050	.150	A	85 J		AM IF		100µA	30	70	
TI-364	PG 120	58	TII	30			.050	.150	A			AM IF		335µA	12	40	
TI-365	PG 120	58	TII	30			.050	.150	A			70.000 G		335µA	12	140	
TI-388	PG 120	58	TII	30			.050	.150	A			80.000 G		335µA	12	70	
TI-389	PG 120	58	TII	30			.050	.150	A			80.000 G		335µA	12	40	
TI-390	PG 217	72	TII	18			.050	.075	A			990.000 B		5µA	10	80	
TI-391	PG 217	72	TII	18			.050	.075	A			990.000 B		5µA	10	40	
TI-392	PG 217	72	TII	18			.050	.075	A			990.000 B		5µA	10	40	
TI-393	PG 217	72	TII	18			.050	.075	A			990.000 B		5µA	10	50	
TI-395	PG 120	58	TII	30			.050	.150	A			100.000 G		335µA	12	120	
TI-396	PG 120	58	TII	45			.050	.150	A			60.000 G		335µA	12	120	
TI-397	PG 120	58	TII	35			.050	.150	A			45.000 G		335µA	12	70	
TI-398	PG 120	58	TII	35			.050	.150	A			45.000 G		335µA	12	60	
TI-399	PG 120	58	TII	35			.050	.150	A			AM IF		31A	12	40	
TI-400	PG 250 A		TII	18		.3	.050	.075	A	100 J		400.000 G		5µA	10	80	
TI-401	PG 250 A		TII	18		.3	.050	.075	A	100 J		300.000 G		5µA	10	40	
TI-402	PG 250 A		TII	18		.3	.050	.075	A	100 J		300.000 G		5µA	10	40	
TI-403	PG 250 A		TII	18		.3	.050	.075	A	100 J		300.000 G		5µA	10	70	
TI-407	NS 43	92	TII	25	12	3.0	.030	.200	A	125 A		450.000 G		500NA	10	20	
TI-408	NS 43	92	TII	25	12	3.0	.030	.200	A	125 A		300.000 G		500NA	10	16	
TI-409	NS 43	92	TII	25	12	3.0	.030	.200	A	125 A		300.000 G		500NA	10	16	
TI-411	NS 43	92	TII	50	30	5.0	.800	.300	A	125 A		100.000 G		500NA	20	420	
TI-412			SEE 2N3704														
TI-413			SEE 2N3705														
TI-414			SEE 2N3706														
TI-415			SEE 2N3707														
TI-416			SEE 2N3708														
TI-417			SEE 2N3710														
TI-418			SEE 2N3711														
TI-419	NS 43	92	TII	30	30	6.0	.030	.250	A	125 A		AM IF		500NA	20	370	
TI-420			SEE 2N2387														
TI-421			SEE 2N2388														
TI-422			SEE 2N851														
TI-423			SEE 2N852														
TI-424			SEE 2N2389														
TI-425			SEE 2N2390														
TI-428			SEE 2N2393														
TI-429			SEE 2N2394														
TI-430			SEE 2N849														
TI-431			SEE 2N850														
TI-432			SEE 2N2395														
TI-433			SEE 2N2396														
TI-474			SEE 2N929														
TI-475			SEE 2N930														
TI-480	NS 210	11	TII	50	40	1.0	.060	.600	A	125 J		1.000 B		2µA	30	22	.005
TI-481	NS 210	11	TII	80	70	1.0	.060	.600	A	125 J		1.000 B		2µA	30	22	.005
TI-482	NS 211	5	TII	20	20	5.0	.500	.600	A	150 J		30.000 B		2µA	10	40	.150
TI-483	NS 211	5	TII	40	20	5.0	.500	.600	A	150 J		40.000 G		2µA	30	40	.150
TI-484	NS 211	5	TII	40	20	5.0	.500	.600	A	150 J		40.000 G		2µA	30	80	.150
TI-485	NS 211	18	TII	20	14	3.0	1.000	.300	A	150 J		100.000 G		1µA	15	36	.010
TI-486	NS 211	5	TII	80	60	6.0	.750	.800	A	175 J		10.000 G		3µA	60	40	.200
TI-487	NS 541 D		TII	80	60	6.0	.750	15.000	C	175 J		10.000 G		3µA	60	40	.200
TI-490			SEE 2N780														
TI-492	NS 210	5	TII	40	20	1.0	.025	.125	A	125 J		4.000 B		2µA	30	36	
TI-493	NS 210	5	TII	40	20	1.0	.020	.125	A	125 J		10.000 B		2µA	20	30	
TI-494	NS 210	5	TII	40	20	1.0	.020	.125	A	125 J		10.000 B		2µA	20	80	
TI-495	NS 210	5	TII	40	20	1.0	.020	.125	A	125 J		10.000 B		2µA	20	180	
TI-496	NS 210	11	TII	70			.060	.600	A	125 J				2µA	50	20	
TI-539	PG 561 G		TII	80	60	28.0	3.500	25.000	C	100 C		.250 G		1MA	80	50	
TI-540	PG 561 G		TII	80	60	28.0	3.500	25.000	C	100 C		.250 G		1MA	80	80	
TI-890			SEE 2N2861														
TI-891			SEE 2N2862														
TI-1121	NS 731	53	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	74	
TI-1122	NS 731	53	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	38	
TI-1123	NS 731	53	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	74	
TI-1124	NS 731	53	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	38	
TI-1125	NS 731	53	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	74	
TI-1126	NS 731	53	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	38	
TI-1131	NS 561	61	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	74	
TI-1132	NS 561	61	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	38	
TI-1133	NS 561	61	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	74	
TI-1134	NS 561	61	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	38	
TI-1135	NS 561	61	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	74	
TI-1136	NS 561	61	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	38	
TI-1141	NS 731	53	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	50	
TI-1142	NS 731	53	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	26	
TI-1143	NS 731	53	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	50	
TI-1144	NS 731	53	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	26	
TI-1145	NS 731	53	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	50	
TI-1146	NS 731	53	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	26	
TI-1151	NS 561	61	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	50	
TI-1152	NS 561	61	TII	200	100	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	26	
TI-1153	NS 561	61	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	50	
TI-1154	NS 561	61	TII	150	75	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	26	
TI-1155	NS 561	61	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	50	
TI-1156	NS 561	61	TII	100	50	8.0	7.500	80.000	C	175 J		7.500 G		100µA	30	26	
TI-3015			SEE 2N3570														
TI-3027	PG 605	3	TII,TIL	45	40R	20.0	7.000	150.000	C	100 J		.200 G		1MA	30	102	3.000
TI-3028	PG 605	3	TII,TIL	60	50R	20.0	7.000	150.000	C	100 J		.200 G		1MA	40	102	3.000
TI-3029	PG 605	3	TII,TIL	80	55R	20.0	7.000	150.000	C	100 J		.200 G		1MA	50	102	3.000
TI-3030	PG 605	3	TII,TIL	100	66R	20.0	7.000	150.000	C	100 J		.200 G		1MA	60	102	3.000
TI-3031	PG 605	3	TII,TIL	120	65R	20.0	7.000	150.000	C	100 J		.200 G		1MA	70	102	3.000
TIA01	PG 211	39	TII	50	35R	40.0	.150	.150	A	100 A		4.000 B		5µA	25		
TIA02	PG 211	39	TII	40	25R	30.0	.150	.150	A	100 A		4.000 B		5µA	20		
TIA03	PG 211	39	TII	25	20R	25.0	.150	.150	A	100 A		4.000 B		5µA	20		
TIA04	PG 211	39	TII	25	20R	25.0	.150	.150	A	100 A		4.000 B		5µA	20		
TIA05	PG 211	39	TII	20	15R	20.0	.150	.150	A	100 A		4.000 B		7µA	20		

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response	COND	Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)		I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
TIG05	PG 605	3	TII	50	35	30.0	50.000	150.000	C	100	C	.200	G	20MA	45	100	5.000
TIG06	PG 605	3	TII	75	45	30.0	50.000	150.000	C	100	C	.200	G	20MA	70	100	5.000
TIG07	PG 605	3	TII	100	55	30.0	50.000	150.000	C	100	C	.200	G	20MA	95	100	5.000
TIG08	PG 607	41	TII	50	35	30.0	50.000	150.000	C	100	C	.200	G	20MA	45	100	5.000
TIG09	PG 607	41	TII	75	45	30.0	50.000	150.000	C	100	C	.200	G	20MA	70	100	5.000
TIG10	PG 607	41	TII	100	55	30.0	50.000	150.000	C	100	C	.200	G	20MA	95	100	5.000
TIP04	NS 605	3	TII	400	300	5.0	2.500	65.000	C	150	J	3.000	G	2MA	200	46	1.000
TIP14	NS 760 A		TII	80	60	5.0	1.000	10.000	C	150	C	10.000	G	50μA	75	70	.200
TIP24	NS 760 A		TII	70	70R	9.0	2.000	10.000	C	150	J	10.000	G	250μA	70	54	1.500
TIP27	NS 760 A		TII	300	300	6.0	.500	10.000	C	150	C	2.000	G			63	.200
TIP29	NS 54 B		TII,TIL	40	40	5.0	1.000	30.000	C	150	J	3.000	G	200μA	40	90	.200
TIP29A	NS 54 B		TII,TIL	60	60	5.0	1.000	30.000	C	150	J	3.000	G	200μA	60	90	.200
TIP29B	NS 54 B		TIL	80	80	5.0	1.000	30.000	C			3.000	G			90	.200
TIP29C	NS 54 B		TIL	100	100	5.0	1.000	30.000	C			3.000	G			90	.200
TIP30	PS 54 B		TII,TIL	40	40	5.0	1.000	30.000	C	150	J	3.000	G	200μA	40	90	.200
TIP30A	PS 54 B		TII,TIL	60	60	5.0	1.000	30.000	C	150	J	3.000	G	200μA	60	90	.200
TIP30B	PS 54 B		TIL	80	80	5.0	1.000	30.000	C			3.000	G			90	.200
TIP30C	PS 54 B		TIL	100	100	5.0	1.000	30.000	C			3.000	G			90	.200
TIP31	NS 54 B		TII,TIL	40	40	5.0	3.000	40.000	C	150	J	3.000	G	300μA	40	45	1.000
TIP31A	NS 54 B		TII,TIL	60	60	5.0	3.000	40.000	C	150	J	3.000	G	300μA	60	45	1.000
TIP31B	NS 54 B		TIL	80	80	5.0	3.000	40.000	C			3.000	G			45	1.000
TIP31C	NS 54 B		TIL	100	100	5.0	3.000	40.000	C			3.000	G			45	1.000
TIP32	PS 54 B		TII,TIL	40	40	5.0	3.000	40.000	C	150	J	3.000	G	300μA	40	45	1.000
TIP32A	PS 54 B		TII,TIL	60	60	5.0	3.000	40.000	C	150	J	3.000	G	300μA	60	45	1.000
TIP32B	PS 54 B		TIL	80	80	5.0	3.000	40.000	C			3.000	G			45	1.000
TIP32C	PS 54 B		TIL	100	100	5.0	3.000	40.000	C			3.000	G			45	1.000
TIP33	NS 54 C		TII,TIL	40	40	5.0	10.000	80.000	C	150	J	3.000	G	400μA	40	56	1.000
TIP33A	NS 54 C		TII,TIL	60	60	5.0	10.000	80.000	C	150	J	3.000	G	400μA	60	56	1.000
TIP33B	NS 54 C		TIL	80	80	5.0	10.000	80.000	C			3.000	G			56	1.000
TIP33C	NS 54 C		TIL	100	100	5.0	10.000	80.000	C			3.000	G			56	1.000
TIP34	PS 54 C		TII,TIL	40	40	5.0	10.000	80.000	C	150	J	3.000	G	400μA	40	56	1.000
TIP34A	PS 54 C		TII,TIL	60	60	5.0	10.000	80.000	C	150	J	3.000	G	400μA	60	56	1.000
TIP34B	PS 54 C		TIL	80	80	5.0	10.000	80.000	C			3.000	G			56	1.000
TIP34C	PS 54 C		TIL	100	100	5.0	10.000	80.000	C			3.000	G			56	1.000
TIP35	NS 54 C		TII,TIL	40	40	5.0	25.000	90.000	C	150	J	3.000	G	700μA	40	45	5.000
TIP35A	NS 54 C		TII,TIL	60	60	5.0	25.000	90.000	C	150	J	3.000	G	700μA	60	45	5.000
TIP35B	NS 54 C		TIL	80	80	5.0	25.000	90.000	C			3.000	G			45	5.000
TIP35C	NS 54 C		TIL	100	100	5.0	25.000	90.000	C			3.000	G			45	5.000
TIP36	PS 54 C		TII,TIL	40	40	5.0	25.000	90.000	C	150	J	3.000	G	700μA	40	45	5.000
TIP36A	PS 54 C		TII,TIL	60	60	5.0	25.000	90.000	C	150	J	3.000	G	700μA	60	45	5.000
TIP36B	PS 54 C		TIL	80	80	5.0	25.000	90.000	C			3.000	G			45	5.000
TIP36C	PS 54 C		TIL	100	100	5.0	25.000	90.000	C			3.000	G			45	5.000
TIP120	NS 54 B		TII	60	60	5.0	5.000	65.000	C	150	S						.500
TIP121	NS 54 B		TII	80	80	5.0	5.000	65.000	C	150	S						.500
TIP122	NS 54 B		TII	100	100	5.0	5.000	65.000	C	150	S						.500
TIP125	PS 54 B		TII	60	60	5.0	5.000	65.000	C	150	S						.500
TIP126	PS 54 B		TII	80	80	5.0	5.000	65.000	C	150	S						.500
TIP127	PS 54 B		TII	100	100	5.0	5.000	65.000	C	150	S						.500
TIP140	NS 54 C		TII	60	60	5.0	10.000	125.000	C	150	S						5.000
TIP141	NS 54 C		TII	80	80	5.0	10.000	125.000	C	150	S						5.000
TIP142	NS 54 C		TII	100	100	5.0	10.000	125.000	C	150	S						5.000
TIP145	PS 54 C		TII	60	60	5.0	10.000	125.000	C	150	S						5.000
TIP146	PS 54 C		TII	80	80	5.0	10.000	125.000	C	150	S						5.000
TIP147	PS 54 C		TII	100	100	5.0	10.000	125.000	C	150	S						5.000
TIP501	NS 211	39	TII	40	40	4.0	3.000	6.000	C	200	S	60.000	G			100	1.000
TIP502	NS 211	39	TII	60	60	4.0	3.000	6.000	C	200	S	60.000	G			100	1.000
TIP503	NS 605	66	TII	130	120	6.0	2.000	20.000	C	200	S	70.000	G			120	1.000
TIP504	NS 605	66	TII	160	150	6.0	2.000	20.000	C	200	S	70.000	G			120	1.000
TIP505	NS 560	59	TII	130	120	6.0	2.000	20.000	C	200	S	70.000	G			120	1.000
TIP506	NS 560	59	TII	160	150	6.0	2.000	20.000	C	200	S	70.000	G			120	1.000
TIP507	PS 560	59	TII	150	150	5.0	2.000	20.000	C	200	S	50.000	G			120	1.000
TIP508	PS 211	39	TII	150	150	5.0	2.000	4.000	C	200	S	50.000	G			120	1.000
TIP645	PS 605	3	TII	60	60	5.0	10.000	175.000	C	200	S						5.000
TIP646	PS 605	3	TII	80	80	5.0	10.000	175.000	C	200	S						5.000
TIP647	PS 605	3	TII	100	100	5.0	10.000	175.000	C	200	S						5.000
TIP2955	PS 54 C		TII	100	70	7.0	15.000	90.000	C	150	S					45	4.000
TIP3055	NS 54 C		TII	100	70	7.0	15.000	90.000	C	150	S					45	4.000
TIS03			SEE 2N3702														
TIS04			SEE 2N3703														
TIS18	NS 43	92	TII	25	13	3.0	.030	.200	A	125	A	600.000	G	500NA	12	40	.010
TIS22	NS 930 A		TII	45	45	6.0	.050	.150	A	125	A	30.000	G	10NA	45	70	
TIS23	NS 930 A		TII	45	45	6.0	.050	.150	A	125	A	30.000	G	10NA	45	180	
TIS24	NS 930 A		TII	60	60	6.0	.050	.150	A	125	A	60.000	G	10NA	45	220	
TIS37	PS 43	92	TII,TIL	35	32	6.0	.050	.200	A	125	A	80.000	G	100NA	10	90	.001
TIS38	PS 43	92	TII,TIL	35	32	4.0	.050	.200	A	125	A	50.000	G	100NA	10	50	.001
TIS39			SEE TIXS39														
TIS44	NS 43	92	TIL	25	20R	3.0	.050	.250	A	125	A	200.000	G	500NA	15	40	.010
TIS45	NS 43	92	TIL	40	15	5.0	.200	.250	A	125	A	300.000	G	50NA	20	60	.010
TIS46	NS 43	92	TIL	40	15	5.0	.200	.250	A	125	A	300.000	G	50NA	20	60	.010
TIS47	NS 43	92	TIL	40	15	4.5	.200	.250	A	125	A	400.000	G	400NA	20	36	.010
TIS48	NS 43	92	TIL	40	15	4.5	.200	.250	A	125	A	500.000	G	400NA	20	70	.010
TIS49	NS 43	92	TIL	40	15	4.5	.200	.250	A	125	A	500.000	G	3μA	20	60	.030
TIS50	PS 43	92	TIL	12	12	4.0	.200	.250	A	125	A	400.000	G	1μA	6	80	.030
TIS51	NS 43	92	TIL	30	12	5.0	.200	.250	A	125	A	400.000	G	400NA	20	60	.010
TIS52	NS 43	92	TIL	40	20	5.0	.200	.250	A	125	A	350.000	G	500NA	20	60	.030
TIS53	PS 43	92	TIL	6	6	4.0	.080	.250	A	125	J	500.000	G	10NA	3	60	.010
TIS54	PS 43	92	TIL	12	12	4.0	.080	.250	A	125	J	300.000	G	10NA	6	60	.010
TIS55	NS 43	92	TIL	40	15	5.0	.200	.250	A	125	J	350.000	G	500NA	20	60	.030
TIS56	NS 217	72	TII,TIL	30	20	3.0	.030	.200	A	175	A	500.000	G	50NA	10	40	.004
TIS57	NS 217	72	TII,TIL	30	20	3.0	.030	.200	A	175	A	500.000	G	50NA	10	40	.004
TIS60	NS 43	92	TIL	40	25	5.0	.400	.300	A							175	.050
TIS60M	NS 43	92	TIL	40	25	5.0	.400	.300	A							175	.050
TIS61	PS 43	92	TIL	40	25	5.0	.400	.300	A							175	.050
TIS61M	PS 43	92	TIL	40	25	5.0	.400	.300	A							175	.050
TIS62	NS 168 A		TII	30	12	3.0	.030	.200	A	125	J	500.000	G	100NA	10	60	.004
TIS63	NS 168 A		TII	30	12	3.0	.030	.200	A	125	J	500.000	G	100NA	10	40	.004
TIS64	NS 168 A		TII	30	12	3.0	.030	.200	A	125	J	500.000	G	100NA	10	40	.004
TIS71	NS 907 A		TII	25	15	1.0	.050	.500	A	175	J	2400.000	G	1μA	15	30	.015
TIS72	NS 907 A		TII	25	15	1.0	.050	.500	A	175	J	2400.000	G	1μA	15	30	.015
TIS82	NS 211	5	TII	60	40	5.0	1.200	1.000	A	125	J	250.000	G	500NA	40	50	1.000
TIS83	NS 43	92	TII	40	25	4.0	.050	.250	A	150	J	600.000	G	100NA	15	60	.005
TIS84	NS 168 A		TII	40	30	4.0	.050	.250	A	150	S	350.000	G	50NA	10	45	.004
TIS85	NS 168 A		TII	40	30	4.0	.050	.250	A	150	J	350.000	G	50NA	10	50	.004
TIS86	NS 168 A		TII	30	30	4.0	.050	.400	A	150	J	500.000	G	100NA	15	90	.004
TIS87	NS 168 A		TII	45	45	4.0	.050	.400	A	150	J	500.000	G	100NA	15	68	.012

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS							Frequency Response		Cutoff		Gain	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)	
TIS90	NS 43	92	TIL	40	40	5.0	.900	.625	A						175	.050
TIS90M			M.P. TIS90													
TIS91	PS 43	92	TIL	40	40	5.0	.900	.625	A						175	.050
TIS91M			M.P. TIS91													
TIS92-BLU	NS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	165	.050
TIS92-GRN	NS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	133	.050
TIS92-GRY	NS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	257	.050
TIS92-VIO	NS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	200	.050
TIS92-YEL	NS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	112	.050
TIS93-BLU	PS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	165	.050
TIS93-GRN	PS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	133	.050
TIS93-GRY	PS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	257	.050
TIS93-VIO	PS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	200	.050
TIS93-YEL	PS 168 A		TII	40	40	5.0	.400	.625	A	150	S	.500	G	100NA 20	112	.050
TIS94	NS 43	92	TII	60	40	6.0	.200	.360	A	150	J	200.000	G	10µA 60	340	.001
TIS95	NS 43	92	TII	80	60	6.0	.200	.360	A	150	J	200.000	G	10µA 80	200	.001
TIS96	NS 43	92	TII	80	65	6.0	.200	.360	A	150	J	200.000	G	10µA 80	110	.100
TIS97	NS 168 A		TII	60	40	6.0	.200	.360	A	150	J	200.000	G	10µA 60	340	.001
TIS98	NS 168 A		TII	80	60	6.0	.200	.360	A	150	J	200.000	G	10µA 80	200	.001
TIS99	NS 168 A		TII	80	65	6.0	.200	.360	A	150	J	200.000	G	10µA 80	110	.100
TIS100	NS 168 A		TII	180	180	5.0	.100	.625	A	150	S	60.000	G	50NA 75	55	.025
TIS101	NS 168 A		TII	150	150	5.0	.100	.625	A	150	S	60.000	G	50NA 75	60	.025
TIS108	NS 168 A		TII	40	30	4.0	.050	.250	A	150	S	350.000	G	50NA 10	37	.004
TIX210			SEE 2N3551													
TIX211			SEE 2N3552													
TIX316	PG 217	72	TII	15	10	.3	.050	.075	A	100	J	400.000	G	5µA 10	70	
TIX317			SEE 2N3601													
TIX318			SEE 2N3603													
TIX888			SEE 2N3554													
TIX3016	NS 909	50	TII	30	15	3.0	.050	.200	A	200	C	990.000	G	10NA 6	110	
TIX3016A	NS 907 A		TII	30	15	3.0	.050	.200	A	200	C	1000.000	G	10NA 6	80	.005
TIX3024	PG 907 A		TII	15	7	.3	.050	.075	A	100	A	990.000	G	6µA 10	130	
TIX3032	PG 217	72	TII	25	15	.2	.100	.075	A	100	C	500.000	G	10µA 15	120	
TIX3033			SEE 2N3418													
TIX3034			SEE 2N3419													
TIX3035			SEE 2N3420													
TIX3036			SEE 2N3421													
TIXM01	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	355.000	G	10µA 10	40	.001
TIXM02	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	282.000	G	10µA 10	40	.001
TIXM03	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	316.000	G	10µA 10	20	.001
TIXM04	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	224.000	G	10µA 10	40	.001
TIXM05	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	450.000	G	10µA 10	40	.002
TIXM06	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	380.000	G	10µA 10	40	.002
TIXM07	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	315.000	G	10µA 10	20	.002
TIXM08	PG 170 H		TII	20	10	.2	.030	.075	A	100	A	380.000	G	10µA 10	40	.002
TIXM10	PG 170 H		TII	18	12	.2	.050	.075	A	100	A	630.000	G	10µA 10	42	.003
TIXM11	PG 170 H		TII	18	12	.2	.050	.075	A	100	A	500.000	G	10µA 10	64	.003
TIXM13	PG 168 A		TII	15	7	.3	.030	.030	A	125	J	1000.000	G			
TIXM14	PG 43	92	TII	20	16	.3	.050	.070	A	125	J	120.000	G	5µA 6	80	.002
TIXM15	PG 43	92	TII	20	16	.3	.050	.070	A	125	J	300.000	G	5µA 6	40	.002
TIXM16	PG 43	92	TII	20	16	.3	.050	.070	A	125	J	110.000	G	5µA 6	40	.002
TIXM17	PG 43	92	TII	20	16	.3	.050	.070	A	125	J	300.000	G	5µA 6	70	.002
TIXM18	PG 168 A		TII	18	12	.2	.050	.070	A	125	J	900.000	G	5µA 10	90	.003
TIXM19	PG 168 A		TII	18	12	.2	.050	.070	A	125	J	900.000	G	5µA 10	100	.003
TIXM101	PG 217	72	TII	15	7	.3	.050	.075	A	100	A	1500.000	G	6µA 10	80	.002
TIXM103	PG 917 A		TII	12	10	.3	.020	.040	A	100	A	1800.000	G	6µA 9	100	.002
TIXM104	PG 917 A		TII	12	10	.3	.020	.040	A	100	A	1400.000	G	6µA 9	100	.002
TIXM105	PG 917 A		TII	12	10	.3	.020	.040	A	100	J	2200.000	G	6µA 9	72	.002
TIXM106	PG 916 B		TII	12	10	.3	.020	.040	A	100	J	2200.000	G	6µA 9	72	.002
TIXM107	PG 916 B		TII	15	7	.3	.030	.030	A	125	J	1500.000	G	6µA 10	53	.003
TIXM108	PG 916 B		TII	15	7	.3	.030	.030	A	125	J	1500.000	G	6µA 10	53	.003
TIXM201	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	200.000	G	5µA 6	36	.002
TIXM202	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	220.000	G	5µA 6	36	
TIXM203	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	150.000	G	5µA 6	20	.002
TIXM204	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	200.000	G	5µA 6	20	
TIXM205	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	11.400	G	5µA 6	20	
TIXM206	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	9.000	G	5µA 6	20	
TIXM207	PG 80 A		TII	30	15	.5	.050	.075	A	100	A	99.000	G	5µA 6	20	.002
TIXP07	PS 731	53	TII	100	80	8.0	7.500	50.000	C	175	C	10.000	G	5µA 50	44	2.000
TIXS09	NS 907 A		TII	30	15	3.0	.050	.200	A	200	C			10NA 6	70	.005
TIXS10	NS 907 A		TII	25	13	3.0	.050	.200	A	200	C			10NA 6	100	.005
TIXS12	NS 950 A		TII	30	15	2.0	.200	1.000	A	200	C	1400.000	G	500NA 15	80	.050
TIXS13	NS 950 A		TII	30	15	2.0	.200	1.000	A	200	C	1200.000	G	500NA 15	80	.050
TIXS28	NS 43	92	TII	40	40	4.0	.030	.200	A	125	A	630.000	G	100NA 20	60	.004
TIXS29	NS 43	92	TII	40	40	4.0	.030	.200	A	125	A	500.000	G	100NA 20	60	.004
TIXS30	NS 43	92	TII	40	40	4.0	.030	.200	A	125	A	500.000	G	100NA 20	60	.004
TIXS31	NS 43	92	TII	40	40	4.0	.030	.200	A	125	A	500.000	G	100NA 20	60	.004
TIXS39	NS 211	5	TII	30	20	2.0	.200	.720	A	175	C	600.000	G	500NA 15	80	.050
TN53	NS 210	5	SPR	75	45	5.0	.800	.800	A	200	J	100.000	G	10NA 60	100	.150
TN54	NS 210	18	SPR	75	45	5.0	.800	.500	A	200	J	100.000	G	10NA 60	100	.150
TN55			SEE 2N4383													
TN56			SEE 2N4384													
TN57			SEE 2N4385													
TN58			SEE 2N4386													
TN59	NS 210	5	SPR	40	30	5.0	.800	.800	A	200	J	100.000	G	20NA 30	200	.150
TN60	NS 210	18	SPR	40	30	5.0	.800	.500	A	200	J	100.000	G	20NA 30	200	.150
TN61	NS 210	5	SPR	40	30	5.0	.800	.800	A	200	J	100.000	G	20NA 30	100	.150
TN62	NS 210	18	SPR	40	30	5.0	.800	.500	A	200	J	100.000	G	20NA 30	100	.150
TN63	NS 210	5	SPR	20	20	5.0	.800	.800	A	200	J	100.000	G	100NA 20	50	.150
TN64	NS 210	18	SPR	20	20	5.0	.800	.500	A	200	J	100.000	G	100NA 20	50	.150
TN79	NS 210	5	SPR	30	20	5.0		.800	A	200	J	50.000	G	1NA 5	200	.010
TN80	NS 210	18	SPR	30	20	5.0		.500	A	200	J	50.000	G	1NA 5	200	.010
TN81	NS 210	5	SPR	30	20	5.0		.800	A			200.000	G	100NA 30	50	.150
TN237	NS 210	5	SPR	35	30	5.0	.800	.800	A	200	C	100.000	G	1µA 30	100	.150
TN624	NS 211 B		SSP	100	60	5.0	3.000	.850	A	200	J	40.000	G	100NA 60	90	
TN624-1	NS 211	5	SSP	100	60	5.0	3.000	.850	A	200	J	40.000	G	100NA 60	90	
TN624-2	NS 581 B		SSP	100	60	5.0	3.000	5.000	H	200	J	40.000	G	100NA 60	90	
TN624-3	NS 546 A		SSP	100	60	5.0	3.000	5.000	H	200	J	40.000	G	100NA 60	90	
TN-3200	NS 217	72	SPR	40	30	4.0		.150	A	175	J	300.000	G	50NA 20	60	.004
TP3638	PS 168 B		SPR		25			.360	A			100.000	G		45	.050
TP3638A	PS 168 B		SPR		25			.360	A			150.000	G		150	.050
TP4274	NS 168 B		SPR		12			.280	A			400.000	G		75	.010
TP4275	NS 168 B		SPR		15			.280	A			400.000	G		75	.010
TQ53	PS 210	5	SPR	75	45	5.0	.600	.600	A	200	J	100.000	G	10NA 60	100	.150
TQ53A	PS 210	5	SPR	80	75	5.0	.600	.600	A	200	J	100.000	G	10NA 60	100	.150

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						Frequency Response (MHz) COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W) COND	Temp. (°C) COND					
TQ54	PS 210	18	SPR	75	45	5.0	.600	.400 A	200 J	100.000 G	10NA	60	100	.150
TQ54A	PS 210	18	SPR	80	75	5.0	.600	.400 A	200 J	100.000 G	10NA	60	100	.150
TQ55			SEE 2N4412											
TQ56			SEE 2N4413											
TQ57			SEE 2N4414											
TQ58			SEE 2N4415											
TQ59	PS 210	5	SPR	40	30	5.0	.600	.600 A	200 J	100.000 G	20NA	30	200	.150
TQ59A	PS 210	5	SPR	60	60	5.0	.600	.600 A	200 J	100.000 G	10NA	60	200	.150
TQ60	PS 210	18	SPR	40	30	5.0	.600	.400 A	200 J	100.000 G	20NA	30	200	.150
TQ60A	PS 210	18	SPR	60	60	5.0	.600	.400 A	200 J	100.000 G	10NA	60	200	.150
TQ61	PS 210	5	SPR	40	30	5.0	.600	.600 A	200 J	100.000 G	20NA	30	100	.150
TQ61A	PS 210	5	SPR	60	60	5.0	.600	.600 A	200 J	100.000 G	20NA	30	100	.150
TQ62	PS 210	18	SPR	40	30	5.0	.600	.400 A	200 J	100.000 G	20NA	30	100	.150
TQ62A	PS 210	18	SPR	60	60	5.0	.600	.400 A	200 J	100.000 G	20NA	30	100	.150
TQ63	PS 210	5	SPR	20	20	5.0	.600	.600 A	200 J	100.000 G	100NA	20	50	.150
TQ63A	PS 210	5	SPR	30	30	5.0	.600	.600 A	200 J	100.000 G	100NA	20	50	.150
TQ64	PS 210	18	SPR	20	20	5.0	.600	.400 A	200 J	100.000 G	100NA	20	50	.150
TQ64A	PS 210	18	SPR	30	30	5.0	.600	.400 A	200 J	100.000 G	100NA	20	50	.150
TR-01	PG 605	3	INR	65	50		10.000	90.000 C	110 J	.450 G			90	
TR-01MP			M.P.TR-01											
TR-02	PG 605	3	INR	40	25		7.000	85.000 C	110 J	.300 G			60	
TR-03	PG 405	36	INR	50	30		15.000	150.000 C	110 J	.300 G			40	
TR-05	PG 210	5	INR	25	15		.200	.200 A	100 J	4.000 G			120	
TR-06	PG 210	5	INR	30	20		.200	.200 A	100 J	4.000 G			40	
TR-08	NG 210	5	INR	42	20		.500	.500 A	85 J	25.000 G			70	
TR-09	NG 210	5	INR	47	26		.300	.150 A	85 J	25.000 G			70	
TR-10	NG 210	5	INR	47	26		.300	.150 A	85 J	25.000 G			70	
TR-11	PG 120	1	INR	35	18		.005	.060 A	75 J	7.000 B			65	
TR-12	PG 120	1	INR	18	9		.010	.055 A	85 J	30.000 G			20	
TR-14	PG 120	1	INR	60	30		.150	.150 A	75 J	1.000 B			140	
TR-16	PG 605	3	INR	45	30		3.000	70.000 C	110 J	1.000 G			70	
TR-17	PG 217	72	INR	30	20		.050	.100 A	100 J	400.000 G			60	
TR-19	PS 210	5	INR	25	25		.600	.600 A	200 J	400.000 G			60	
TR-20	PS 210	18	INR	60	60		.600	.600 A	200 J	200.000 G			100	
TR-21	NS 210	18	INR	75	40		.800	.500 A	175 J	300.000 G			300	
TR-22	NS 210	18	INR	25	20		.800	.500 A	175 J	400.000 G			60	
TR-23	NS 605	66	INR	325	300		3.000	20.000 C	175 J	20.000 G			40	
TR-24	NS 41	92	INR	60	40		.200	.500 A	135 J	600.000 G			100	
TR-25	NS 210	5	INR	60	40		.500	5.000 C	200 J	100.000 G			50	
TR-26	NS 605	3	INR	60	40		10.000	90.000 C	200 J	7.000 G			40	
TR-27	PG 605	3	INR	320	300		10.000	56.000 C	110 J	1.000 G			40	
TR-28	PS 210	5	INR	60	40		.500	5.000 C	200 J	100.000 G			50	
TR-29	PS 605	3	INR	60	40		10.000	90.000 C	200 J	7.000 G			40	
TR-30	PS 41	92	INR	40	40		.100	.310 A	135 J	200.000 G			100	
TR-31	PS 50 A		INR	70	50		.200	.600 A					150	
TR-32	NS 50 A		INR	250	150		.100	.600 A					500	
TR-33	NS 45	98	INR	40	35		.100	.310 A					100	
TR-34	PG 605	3	INR	350	350		10.000	56.000 A					15	
TR-35	PG 605	3	INR	90	90		25.000	106.000 A					55	
TR-36	NS 605	3	INR	100	100		30.000	200.000 A					25	
TR-36MP			M.P.TR-36											
TR-37	PS 605	66	INR	150	200		1.000	20.000 A					100	
TR-50	PG 605	66	INR	40	25		5.000	57.000 A		.350 G			100	
TR-51	NS 170	106	INR	60	45		.100	.310 A		300.000 G			350	
TR-52	PS 170	106	INR	50	45		.300	.310 A		200.000 G			350	
TR-53	NS 170	106	INR	90	50		.300	.310 A		300.000 G			350	
TR-54	PS 41	92	INR	40	35		.600	.310 A		310.000 G			110	
TR-55	NS 59 A		INR	60	55		3.000	12.500 C		40.000 G			75	
TR-56	PS 59 A		INR	60	55		3.000	12.500 C		40.000 G			90	
TR-57	NS 605	66	INR	80	70		4.000	25.000 C		6.000 G			80	
TR-58	PS 605	66	INR	80	70		4.000	25.000 C		6.000 G			80	
TR-59	NS 605	3	INR	60	50		10.000	150.000 C		6.000 G			60	
TR-60	NS 48 A		INR	300	275		.500	20.000 C		15.000 G			80	
TR-61	NS 605	3	INR	400	325		10.000	125.000 C		2.500 G			65	
TR-61MP			M.P.TR-61											
TR-62	NS 210	5	INR	50	30		.250	.500 A		250.000 G			15	
TR-63	NS 210	5	INR	50	30		.250	2.000 C		250.000 G			15	
TR-64	NS 210	39	INR	55	30		.400	5.000 C		400.000 G			15	
TR-65	NS 210	39	INR	50	25		1.500	5.000 C		175.000 G			10	
TR-66	NS 540	60	INR	50	25		3.300	70.000 C		175.000 G			10	
TR-67	PS 605	3	INR	700	700		10.000	100.000 C		2.000 G			10	
TR-68	NS 605	3	INR	500	600		1.000	50.000 C		1.000 G			40	
TR-69	NS 45	98	INR	40	40		.200	.400 A		60.000 G				
TR-70	NS 217	72	INR	40	30		.025	.230 A		600.000 G			90	
TR-72	NS 49 A		INR	80	80		1.000	5.000 C		150.000 G			170	
TR-73	PS 49 A		INR	80	80		1.000	5.000 C		125.000 G			140	
TR-74	NS 49 A		INR	180	180		1.000	8.000 C		100.000 G			100	
TR-75	NS 49 A		INR	450	350		1.000	20.000 A		150.000 G			100	
TR-76	NS 54	220 AB	INR	60	60		4.000	40.000 C		3.000 G			60	
TR-77	PS 54	220 AB	INR	60	60		4.000	40.000 C		3.000 G			60	
TR-78	NS 210	36	INR	300	300		.100	7.000 C		100.000 G			100	
TR-79	NS 52 B		INR	300	300		.100	6.250 C		95.000 G			30	
TR-80	NS 217	72	INR	20	12		.050	.300 A		1200.000 G			60	
TR-81	NS 605	66	INR	500	300		4.000	35.000 A		20.000 G			105	
TR-81MP			M.P.TR-81											
TR-82	PG 210	39	INR	25	25		2.000	6.000 A		.700 G			110	
TR-83	NS 217	104	INR	45	45		.050	.180 A		1200.000 G			130	
TR-84	PG 120	1	INR	32	32		1.000	1.600 A		1.500 G			90	
TR-85	PG 120	1	INR	32	32		.500	.900 A		2.300 G			120	
TR-86	NS 210	5	INR	30	20		.500	.500 A		100.000 G			180	
TR-87	NS 210	5	INR	100	80		1.000	1.000 A		120.000 G			90	
TR-88	PS 210	5	INR	100	80		1.000	1.000 A		120.000 G			90	
TR-91	NG 605	66	INR	40	25		5.000	57.000 A		.350 G			100	
TR-92	NS 54	220 AB	INR	90	70		7.000	50.000 A		2.000 G			100	
TR-93	NS 605	3	INR	400			5.000	50.000 A		1.000 G			10	
TR-94MP	PG 605	66	INR	35	35		2.000	12.000 A		M.P./AA G			270	
TR-95	NS 217	104	INR	45	45		.050	.180 A		750.000 G			130	
TRS301	NS 210	5	ITC	300	300	6.0		.600 A	175 J	50.000 G	2μA	200	60	
TRS350	NS 210	5	ITC	350	350S	6.0		.600 A	175 J	50.000 G	2μA	250	60	
TRS401	NS 210	5	ITC	400	400S	6.0		.600 A	175 J	50.000 G	2μA	300	60	
TRS450	NS 210	5	ITC	450	450S	6.0		.600 A	175 J	50.000 G	2μA	350	60	
TRS501	NS 210	5	ITC	500	500S	6.0		.600 A	175 J	50.000 G	2μA	350	60	
TRS550	NS 210	5	ITC	550	550S	6.0		.600 A	175 J	50.000 G	10μA	450	60	
TRS601	NS 210	5	ITC	600	600S	6.0		.600 A	175 J	50.000 G	10μA	500	60	
TRS701	NS 210	5	ITC	700	700S	6.0		.600 A	175 J	40.000 G	10μA	550	50	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
TRS750	NS 210	5	ITC	750	750S	6.0		.600	A	175	J	40.000	G	10μA	575	50	
TRS801	NS 210	5	ITC	800	800S			.600	A	175	J	40.000	G	10μA	600	50	
TRS3011	NS 210	46	ITC	300	300S	6.0		.300	A	175	J	50.000	G	2μA	200	60	
TRS3012	NS 210	18	ITC	300	300S	6.0		.300	A	175	J	50.000	G	2μA	200	60	
TRS3014	NS 210	5	ITC	300	300S	6.0		1.000	A	175	J	50.000	G	2μA	200	60	
TRS3015	NS 635 B		ITC	300	300S	6.0		15.000	C	175	J	50.000	G	2μA	200	60	
TRS3501	NS 210	46	ITC	350	350S	6.0		.300	A	175	J	50.000	G	2μA	250	60	
TRS3502	NS 210	18	ITC	350	350S	6.0		.300	A	175	J	50.000	G	2μA	250	60	
TRS3504	NS 210	5	ITC	350	350S	6.0		1.000	A	175	J	50.000	G	2μA	250	60	
TRS3505	NS 635 B		ITC	350	350S	6.0		15.000	C	175	J	50.000	G	2μA	250	60	
TRS4001	NS 210	46	ITC	400	400S	6.0		.300	A	175	J	50.000	G	2μA	300	60	
TRS4002	NS 210	18	ITC	400	400S	6.0		.300	A	175	J	50.000	G	2μA	300	60	
TRS4004	NS 210	5	ITC	400	400S	6.0		1.000	A	175	J	50.000	G	2μA	300	60	
TRS4005	NS 635 B		ITC	400	400R	6.0		15.000	C	175	J	50.000	G	2μA	300	60	
TRS4501	NS 210	46	ITC	450	450S	6.0		.300	A	175	J	50.000	G	2μA	350	60	
TRS4502	NS 210	18	ITC	450	450S	6.0		.300	A	175	J	50.000	G	2μA	350	60	
TRS4504	NS 210	5	ITC	450	450S	6.0		1.000	A	175	J	50.000	G	2μA	350	60	
TRS4505	NS 635 B		ITC	450	450S	6.0		15.000	C	175	J	50.000	G	2μA	350	60	
TRS5011	NS 210	46	ITC	500	500S	6.0		.300	A	175	J	50.000	G	2μA	350	60	
TRS5012	NS 210	18	ITC	500	500S	6.0		.300	A	175	J	50.000	G	2μA	350	60	
TRS5014	NS 210	5	ITC	500	500S	6.0		1.000	A	175	J	50.000	G	2μA	350	60	
TRS5501	NS 210	46	ITC	550	550R	6.0		.300	A	175	J	50.000	G	10μA	450	60	
TRS5502	NS 210	18	ITC	550	550S	6.0		.300	A	175	J	50.000	G	11μA	450	60	
TRS5504	NS 210	5	ITC	550	550S	6.0		1.000	A	175	J	50.000	G	10μA	450	60	
TRS6011	NS 210	46	ITC	600	600S	6.0		.300	A	175	J	50.000	G	10μA	500	60	
TRS6012	NS 210	18	ITC	600	600S	6.0		.300	A	175	J	50.000	G	11μA	500	60	
TRS6014	NS 210	5	ITC	600	600S	6.0		1.000	A	175	J	50.000	G	10μA	500	60	
TRS7014	NS 210	5	ITC	700	700S	6.0		1.000	A	175	J	40.000	G	10μA	550	50	
TRS7015	NS 635 B		ITC	700	700S	6.0		15.000	C	175	J	40.000	G	10μA	550	50	
TRS7504	NS 210	5	ITC	750	750S	6.0		1.000	A	175	J	40.000	G	10μA	575	50	
TRS7505	NS 635 B		ITC	750	750R	6.0		15.000	C	175	J	40.000	G	10μA	575	50	
TRS8014	NS 210	5	ITC	800	800S	6.0		1.000	A	175	J	40.000	G	10μA	600	50	
TRS8015	NS 635 B		ITC	800	800S	6.0		15.000	C	175	J	40.000	G	10μA	600	50	
TS173	PG 605	3	TSE	30			2.000	16.000	C	85	J	.006	E	1MA	25	50	
TS601	PG 212	5	TSE	12	9S	5.0	.400	.200	A	102	J	AUD		20μA	9	30	
TS602	PG 212	5	TSE	12	9S	5.0	.400	.200	A	100	J	AUD		20μA	9	90	
TS603	PG 212	5	TSE	20	18S	5.0	.400	.200	A	100	J	AUD		20μA	9	30	
TS604	PG 212	5	TSE	20	18	5.0	.400	.200	A	100	J	AUD		20μA	9	90	
TS612	PG 605	3	TSE	40	20		2.000	16.000	A	85	J	.007	E	300μA	25	30	
TS613	PG 605	3	TSE	80	40		2.000	16.000	A	85	J	.007	E	300μA	25	30	
TS615	PG 10 F		TSE	45			.050	.170	A	85	J	1.000	B	15μA	45	25	
TS616	PG 170 E		TSE	25			.200	.300	A	85	J	AUD		20μA	20	30	
TS617	PG 170 E		TSE	25			.200	.300	A	85	J	AUD		20μA	20	50	
TS618	PG 170 E		TSE	25			.200	.300	A	85	J	AUD		20μA	20	70	
TS619	PG 10 F		TSE	25			.050	.170	A	85	J	1.000	B	20μA	20	55	
TS620	PG 10 F		TSE	25			.050	.170	A	85	J	1.000	B	15μA	25	55	
TS621	PG 10 F		TSE	25			.050	.170	A	85	J	1.000	B	15μA	25	100	
TS630	PG 10 F		TSE	45			.050	.170	A	85	J	1.000	B	15μA	45	50	
TV1000	PG 250 A		SEM	15	15	2.0	.100	.100	A			1000.000	G			100	
TW135	PS 210	18	SPR	30		15.0	.100	.400	A	200	J	10.000	G	1NA	30	50	
TZ81	NS 45	98	SPR		30			.360	A			30.000	G			225	.001
TZ82	NS 45	98	SPR		30			.360	A			30.000	G			165	.001
TZ551	PS 45	98	SPR		30			.360	A			150.000	G			70	.150
TZ552	PS 45	98	SPR		30			.360	A			150.000	G			175	.150
TZ553	PS 45	98	SPR		30			.360	A			150.000	G			300	.150
TZ554	PS 45	98	SPR		30			.360	A			150.000	G			140	.150
TZ581	PS 45	98	SPR		30			.360	A			20.000	G			225	.001
TZ582	PS 45	98	SPR		30			.360	A			20.000	G			165	.001
V415			SEE 2N5762														
V417			SEE 2N5761														
V575			SEE RF POWER SECTION														
V643			SEE RF POWER SECTION														
WEP2	PG 210	5	WTV	22	22		.100	.300	A			750.000	G			75	
WEP3	PG 217	72	WTV	20	20		.050	.100	A			250.000	G			85	
WEP50	NS 210	18	WTV	25	15	4.0	.300	.400	A			250.000	G			85	
WEP51	PS 210	5	WTV	30	25	4.0	.600	.600	A			150.000	G			80	
WEP52	PS 210	18	WTV	30	30	4.0	.200	.400	A			200.000	G			95	
WEP53	NS 210	5	WTV	35	30	4.0	.500	.500	A			200.000	G			85	
WEP54	NS 210	18	WTV	30	20	5.0	.200	.310	A			30.000	G			350	
WEP55	NS 210	18	WTV	30	25	5.0	.200	.310	A			200.000	G			350	
WEP56	NS 168	92	WTV	30	20	2.5	.100	.310	A			750.000	G			70	
WEP57	PS 210	18	WTV	25	25	5.0	.200	.310	A			200.000	G			350	
WEP230	PG 605	3	WTV	30	30		5.000	90.000	A			.022	G			60	
WEP230MP			M.P.WEP230														
WEP231	PG 405	36	WTV	30	30		15.000	105.000	A			.500	G			40	
WEP232	PG 605	3	WTV	70	70		7.000	90.000	A			.022	G			60	
WEP233	PG 405	36	WTV	65	65		15.000	170.000	A			.500	G			55	
WEP235	PG 605	3	WTV	320	320		10.000	56.000	A			.001	G			60	
WEP238	PG 210	5	WTV	60	40		3.000	20.000	A			.022	G			120	
WEP240	NS 605	66	WTV	300	300	6.0	.500	10.000	A			10.000	G			115	
WEP241	NS 605	66	WTV	160	120	6.0	5.000	40.000	A			20.000	G			60	
WEP242	PS 210	39	WTV	80	60	6.0	3.000	6.000	A			120.000	G			60	
WEP243	NS 210	39	WTV	80	60	6.0	3.000	6.000	A			120.000	G			60	
WEP244	NS 48 A		WTV	300	300	3.0	.500	25.000	A			15.000	G			80	
WEP246	PS 54	66	WTV	60	40	5.0	3.000	30.000	A			8.000	G			60	
WEP247	NS 605	3	WTV	70	50	7.0	10.000	150.000	A			6.000	G			60	
WEP247MP			M.P.WEP247														
WEP250	PG 210	5	WTV	30	25		.500	.500	A			2.300	G			65	
WEP253	PG 210	5	WTV	20	20		.400	.225	A			2.000	G			40	
WEP254	PG 210	5	WTV	20	20		.400	.225	A			2.000	G			40	
WEP624	PG 605	3	WTV	60	35		7.000	77.000	A			.022	G			120	
WEP628	PG 605	3	WTV	60	35		7.000	77.000	A			.022	G			45	
WEP628MP			M.P.WEP628														
WEP630	PG 210	5	WTV	55	40		.400	.200	A			1.000	G			110	
WEP631	PG 210	5	WTV	40	25		.200	.200	A			1.500	G			45	
WEP632	PG 210	5	WTV	40	25		.200	.200	A			2.000	G			80	
WEP635	PG 210	5	WTV	25	25		.200	.200	A			250.000	G			60	
WEP637	PG 217	72	WTV	20	15		10.000	150.000	A			800.000	G			120	
WEP641	NG 210	5	WTV	25	20		.300	.150	A			150.000	G			70	
WEP641A	NG 210	5	WTV	30	16		.250	.150	A			2.000	G			90	
WEP641B	NG 210	5	WTV	32	32		.500	.340	A			2.500	G			105	
WEP642	PG 605	66	WTV	30	25		3.000	57.000	A			.350	G			95	
WEP642MP			M.P.WEP642														
WEP643	PG 605	66	WTV	30	25		3.000	57.000	A			.350	G			160	
WEP700	PS 54	66	WTV	40	40	5.0	5.000	40.000	A			8.000	G			70	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
WEP701	NS 605	66	WTV	40	40	5.0	3.000	40.000	A			8.000	G			100	
WEP703	NS 605	66	WTV	70	60	5.0	5.000	25.000	A			6.000	G			85	
WEP704	NS 605	3	WTV	100	60	7.0	15.000	115.000	A			1.000	G			90	
WEP707	NS 605	3	WTV	400	325	5.0	10.000	125.000	A			2.500	G			65	
WEP709	NS 217	72	WTV	30	15	3.0	.050	.300	A			600.000	G			120	
WEP712	NS 210	5	WTV	180	200	5.0	.050	1.000	A			150.000	G			35	
WEP715	PS 210	18	WTV	50	40	4.0	.200	.310	A			200.000	G			120	
WEP716	PS 210	18	WTV	40	40	5.0	.600	.310	A			300.000	G			110	
WEP717	PS 41	92	WTV	25	25	4.0	.100	.310	A			120.000	G			350	
WEP719	NS 76	92	WTV	30	30	4.0	.100	.310	A			700.000	G			130	
WEP720	NS 41	92	WTV	30	20	3.0	.100	.310	A			800.000	G			140	
WEP723	NS 210	18	WTV	25	25	4.0	.100	.310	A			200.000	G			90	
WEP724	NS 210	18	WTV	25	25	4.0	.100	.310	A			200.000	G			160	
WEP728	NS 210	18	WTV	45	40	4.0	.100	.310	A			200.000	G			180	
WEP729	NS 210	18	WTV	45	45	4.0	.100	.310	A			150.000	G			100	
WEP735	NS 210	5	WTV	45	40	6.0	.100	.310	A			150.000	G			300	
WEP736	NS 210	18	WTV	55	50	6.0	.600	.310	A			150.000	G			140	
WEP740	NS 605	3	WTV	700	700	5.0	3.500	100.000	A			2.500	G			10	
WEP740A	NS 605	3	WTV	500	700	5.0	1.000	50.000	A			.500	G			30	
WEP7408	NS 605	3	WTV	400		5.0	5.000	50.000	A			.500	G			5	
WEPG6001	PG 605	3	WTV	90	80		25.000	85.000	A			.700	G			60	
WEPS3002	NS 210	5	WTV	80	80	5.0	5.000	6.000	A			30.000	G			80	
WEPS3003	PS 210	5	WTV	80	80	5.0	5.000	6.000	A			30.000	G			80	
WEPS3020	NS 49 A		WTV	60	60	4.0	1.000	5.000	A			150.000	G			120	
WEPS3021	NS 49 A		WTV	250	250	8.0	1.000	5.000	A			100.000	G			120	
WEPS3023	NS 54	220 AB	WTV	35	35	4.0	1.500	8.000	A			50.000	G			110	
WEPS3027	PS 54	220 AB	WTV	35	35	4.0	1.500	8.000	A			50.000	G			110	
WEPS3031	PS 49 A		WTV	80	80	4.0	1.000	5.000	A			125.000	G			140	
WEPS5003	NS 48 A		WTV	60	60	4.0	4.000	40.000	A			2.000	G			60	
WEPS5004	NS 48 A		WTV	90	90	4.0	10.000	90.000	A			2.000	G			70	
WEPS5005	PS 48 A		WTV	90	90	4.0	10.000	90.000	A			2.000	G			70	
WEPS5007	PS 48 A		WTV	60	60	5.0	4.000	40.000	A			2.000	G			60	
WEPS7000	NS 605	3	WTV	100	100	4.0	30.000	200.000	A			2.000	G			75	
WEPS7001	PS 605	3	WTV	100	100	4.0	30.000	200.000	A			2.000	G			75	
WX118UA	NS 412	82	WHE	50	50	15.0	10.000	100.000	H	150	J	.010	E	1MA	50	360	
WX118UB	NS 412	82	WHE	100	100	15.0	10.000	100.000	H	150	J	.010	E	1MA	50	360	
WX118UC	NS 412	82	WHE	150	150	15.0	10.000	100.000	H	150	J	.010	E	1MA	50	360	
WX118XA	NS 412	82	WHE	50	50	15.0	10.000	100.000	H	150	J	.017	E	1MA	50	660	
WX118XB	NS 412	82	WHE	100	100	15.0	10.000	100.000	H	150	J	.007	E	1MA	50	660	
WX118XC	NS 412	82	WHE	150	150	15.0	10.000	100.000	H	150	J	.007	E	1MA	50	660	
XA101	PG 31 A		AEI	20	16	12.0		.120	A	65	J	5.000	B			35	
XA102	PG 31 A		AEI	20	16	12.0		.120	A	65	J	8.000	B			60	
XA111	PG 169 B		AEI	20	16	12.0		.120	A	65	J	5.000	B			35	
XA112	PG 169 B		AEI	20	16	12.0		.120	A	65	J	8.000	B			60	
XA123	PG 75	45	AEI	20		.5		.080	A	85	J	30.000	B			60	
XA124	PG 75	45	AEI	20		.5		.080	A	85	J	30.000	B			60	
XA126	PG 75	45	AEI	20		1.5		.080	A	85	J	30.000	B			60	
XA131	PG 128	44	AEI	30		.5		.125	A	85	J	100.000	B			60	
XA141	PG 210	5	AEI	30		2.0		.120	A	71	A	30.000	G			45	
XA142	PG 210	5	AEI	30		2.0		.120	A	71	A	30.000	G			45	
XA143	PG 210	5	AEI	30		2.0		.120	A	71	A	30.000	G			45	
XB102	PG 31 A		AEI	35	35R	12.0		.150	A	75	J	AUD				30	
XB112	PG 169 B		AEI	35	35R	12.0		.150	A	75	J	AUD				30	
XB113	PG 169 B		AEI	35	35R	12.0		.150	A	75	J	AUD				66	
XB401			SEE RF POWER SECTION														
XB404			SEE RF POWER SECTION														
XB408			SEE RF POWER SECTION														
XB433			SEE RF POWER SECTION														
XB434			SEE RF POWER SECTION														
XB435			SEE RF POWER SECTION														
XB436			SEE RF POWER SECTION														
XB437			SEE RF POWER SECTION														
XB473			SEE RF POWER SECTION														
XB474			SEE RF POWER SECTION														
XB475			SEE RF POWER SECTION														
XB476			SEE RF POWER SECTION														
XC121	PG 169 B		AEI	35	35R	12.0		.250	A	75	J	AUD				74	
XC131			M.P.XC121														
XC141	PG 605	3	AEI	40	40	12.0	3.000	65.000	C	90	J	AUD				60	
XC142	PG 605	3	AEI	60	40	12.0	3.000	65.000	C	90	J	AUD				60	
XC155	PG 605	3	AEI	80	50	60.0	10.000	40.000	C	90	J	.650	B			65	
XC156	PG 605	3	AEI	100	65	60.0	10.000	40.000	C	90	J	.650	B			65	
ZDT10	NS 265	78	FER	10	10	5.0	.050	.300	A	150	J	DUO MAP	G	10NA	6	20	.001
ZDT11	NS 265	78	FER	10	10	5.0	.050	.300	A	150	J	DUO MAP	G	10NA	6	20	.001
ZDT20	NS 256	78	FER	35	35	5.0	.050	.300	A	150	J	DUO MAP	G	10NA	35	20	.001
ZDT21	NS 265	78	FER	35	35	5.0	.050	.300	A	150	J	DUO MAP	G	10NA	35	20	.001
ZDT30	NS 215 A		FER	10		6.0	.050	.150	A	150	J	DE	G	10NA	6		
ZDT31	NS 215 A		FER	10		6.0	.050	.150	A	150	J	DE	G	10NA	6		
ZDT40			TWO ZT82 TRANSISTORS														
ZDT41			TWO ZT84 TRANSISTORS														
ZDT42	NS 266	78	FER	60	60	7.0	.500	.300	A	175	J	DUO MAP	G	50NA	60	120	.001
ZDT44	NS 266	78	FER	60	60	7.0	.500	.300	A	175	J	DUO MAP	G	50NA	60	120	.001
ZDT45	NS 266	78	FER	100	70	7.0	.500	.300	A	175	J	DUO MAP	G	50NA	100	60	.001
ZEN100	NS 210	18	ZEN	25	15	4.0	.300	.400	A	175	J	250.000	G	100NA	20	85	
ZEN101	PS 210	5	ZEN	30	25	4.0	.600	.600	A	175	J	150.000	G	1μA	20	80	
ZEN102	NS 210	5	ZEN	35	30	4.0	.600	.600	A	175	J	200.000	G	50NA	30	85	
ZEN103	NS 41	92	ZEN	30	25	5.0	.200	.310	A	135	J	200.000	G	100NA	20	350	
ZEN104	NS 42	92	ZEN	30	20	2.5	.100	.310	A	135	J	750.000	G	200NA	20	70	
ZEN105	NS 217	72	ZEN	30	15	3.0	.050	.300	A	175	J	600.000	G	1μA	15	120	
ZEN106	PS 41	92	ZEN	50	40	4.0	.200	.310	A	135	J	200.000	G	500NA	10	120	
ZEN107	PS 41	92	ZEN	40	40	5.0	.600	.310	A	135	J	300.000	G	500NA	10	110	
ZEN108	NS 41	92	ZEN	30	30	4.0	.100	.310	A	135	J	700.000	G	500NA	15	130	
ZEN109	NS 41	92	ZEN	30	20	3.0	.100	.310	A	135	J	800.000	G	100NA	30	40	
ZEN110	NS 41	92	ZEN	25	25	4.0	.100	.310	A	135	J	200.000	G	100NA	15	60	
ZEN111	NS 41	92	ZEN	25	25	4.0	.100	.310	A	135	J	200.000	G	100NA	15	90	
ZEN112	NS 41	92	ZEN	25	25	4.0	.100	.310	A	135	J	200.000	G	100NA	15	160	
ZEN113	NS 41	92	ZEN	25	25	4.0	.100	.310	A	135	J	200.000	G	100NA	15	350	
ZEN114	NS 41	92	ZEN	45	40	4.0	.100	.310	A	135	J	200.000	G	50NA	20	180	
ZEN115	NS 41	92	ZEN	45	45	4.0	.100	.310	A	135	J	200.000	G	500NA	30	100	
ZEN116	NS 41	92	ZEN	30	25	4.5	.050	.310	A	135	J	175.000	G	100NA	15	600	
ZEN117	NS 41	92	ZEN	20	20	4.0	.025	.310	A	135	J	30.000	G	500NA	5	130	
ZEN118	NS 42	92	ZEN	40	20	4.0	.025	.310	A	135	J	200.000	G	500NA	5	75	
ZEN119	NS 41	92	ZEN	45	40	6.0	.600	.310	A	135	J	150.000	G	100NA	20	300	
ZEN120	NS 41	92	ZEN	55	50	6.0	.600	.310	A	135	J	150.000	G	100NA	20	140	
ZEN121	NS 41	92	ZEN	45	40	7.0	.100	.310	A	135	J	100.000	G	50NA	10	250	

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response		Cutoff		Gain		
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND	(MHz)	COND	I_{CBO} @ V_{CB}		h_{FE} @ I_C(A)		
ZEN122	PS 41	92	ZEN	40	35	25.0	.150	.310	A	135	J	4.000	G	100NA	10	250		
ZEN125	NS 41	92	ZEN	140	120	5.0	.600	.310	A	135	J	60.000	G	1μA	75	200		
ZEN126	NS 41	92	ZEN	25	25	5.0	.500	.360	A	135	J	80.000	G	100NA	25	100		
ZEN127	NS 41	92	ZEN	50	30	5.0	.600	.310	A	135	J	400.000	G	100NA	30	75		
ZEN200	NS 605	66	ZEN	300	300	6.0	.500	10.000	A	150	J	10.000	G	100μA	300	115		
ZEN201	NS 48 A		ZEN	300	300	3.0	.500	25.000	A	150	J	15.000	G	100μA	300	80		
ZEN202	NS 48 A		ZEN	60	40	5.0	3.000	30.000	A	150	J	8.000	G	500μA	40	60		
ZEN203	PS 48 A		ZEN	60	40	5.0	3.000	30.000	A	150	J	8.000	G	500μA	40	60		
ZEN204	NS 605	3	ZEN	400	325	5.0	10.000	125.000	A	300	J	2.500	G	1MA	400	65		
ZEN205	NS 210	5	ZEN	180	200	5.0	.050	1.000	A	175	J	150.000	G	5μA	100	35		
ZEN206	NS 605	3	ZEN	700	700	5.0	3.500	100.000	A	300	J	2.500	G	250NA	400	10		
ZEN207	NS 210	39	ZEN	70	60	5.0	4.000	10.000	A	175	J	30.000	G	100μA	70	70		
ZEN208	NS 49 A		ZEN	250	250	8.0	1.000	5.000	A	135	J	100.000	G	200NA	200	120		
ZEN209	NS 48 B		ZEN	70	60	5.0	10.000	90.000	A	150	J	2.000	G	1MA	70	50		
ZEN210	NS 48 A		ZEN	60	60	4.0	4.000	40.000	A	150	J	2.000	G	100NA	60	60		
ZEN211	PS 48 A		ZEN	60	60	5.0	4.000	40.000	A	150	J	2.000	G	100μA	40	60		
ZEN300	NG 211	5	ZEN	22	22S	.5	.160	.300	A	100	J	750.000	G	12μA	10	75		
ZEN301	NG 217	72	ZEN	20	20S	.5	.050	.100	A	100	J	250.000	G	15μA	10	85		
ZEN302	PG 210	5	ZEN	20	20S	2.5	.200	.200	A	85	J	1.500	G	15μA	20	65		
ZEN303	PG 210	5	ZEN	20	20S	2.0	.200	.200	A	85	J	2.500	G	15μA	20	150		
ZEN304	PG 212	5	ZEN	20	20S	2.5	.400	.225	A	100	J	2.000	G	16μA	20	40		
ZEN305	PG 212	5	ZEN	20	20S	2.5	.400	.225	A	100	J	2.000	G	16μA	20	70		
ZEN306	PG 210	5	ZEN	55	40S	30.0	.400	.200	A	100	J	1.000	G	10μA	20	110		
ZEN307	PG 210	5	ZEN	40	25S	25.0	.200	.200	A	100	J	1.500	G	15μA	25	45		
ZEN308	PG 210	5	ZEN	40	25S	25.0	.200	.200	A	100	J	2.000	G	15μA	25	80		
ZEN309	PG 210	5	ZEN	40	25S	25.0	.200	.200	A	100	J	2.500	G	15μA	25	160		
ZEN310	PG 210	5	ZEN	40	25S	25.0	.200	.200	A	100	J	3.000	G	15μA	25	350		
ZEN311	PG 210	5	ZEN	30	25S	2.5	.100	.150	A	100	J	100.000	G	5μA	5	85		
ZEN315	NG 210	18	ZEN	25	15S	1.0	.300	.150	A	85	J	150.000	G	6μA	25	70		
ZEN325	PG 605	3	ZEN	30	30R	10.0	5.000	90.000	A	110	J	.600	G	3MA	30	60		
ZEN326	PG 605	3	ZEN	70	70S	10.0	7.000	90.000	A	110	J	.600	G	80μA	2	60		
ZEN327	PG 405	36	ZEN	65	65S	60.0	15.000	170.000	A	110	J			20MA	65	55		
ZEN328	PG 605	3	ZEN	320	320S	2.0	10.000	56.000	A	110	J	1.000	G	400μA	10	60		
ZEN329	PG 210	5	ZEN	60	40S	20.0	3.000	20.000	A	110	J	.200	G	125μA	30	120		
ZEN330	PG 605	3	ZEN	60	35S	20.0	7.000	77.000	A	110	J	.600	G	1MA	35	70		
ZEN331	PG 605	3	ZEN	60	35S	20.0	7.000	77.000	A	110	J	.600	G	1MA	35	120		
ZT20	NS 211	5	FER	20	20	6.0	.050	.350	A	150	J	110.000	G	50NA	20	30		.010
ZT21	NS 211	5	FER	20	20	6.0	.050	.350	A	150	J	110.000	G	50NA	20	60		.010
ZT22	NS 211	5	FER	45	45	6.0	.050	.350	A	150	J	110.000	G	50NA	45	30		.010
ZT23	NS 211	5	FER	45	45	6.0	.050	.350	A	150	J	110.000	G	50NA	45	60		.010
ZT24	NS 211	5	FER	45	45	6.0	.050	.350	A	150	J	110.000	G	50NA	45	120		.010
ZT40	NS 211	18	FER	20	20	6.0	.050	.300	A	150	J	110.000	_	50NA	20	30		.010
ZT41	NS 211	18	FER	20	20	6.0	.050	.300	A	150	J	110.000	_	50NA	20	60		.010
ZT42	NS 211	18	FER	45	45	6.0	.050	.300	A	150	J	110.000	G	50NA	45	30		.010
ZT43	NS 211	18	FER	45	45	6.0	.050	.300	A	150	J	110.000	G	50NA	45	60		.010
ZT44	NS 211	18	FER	45	45	6.0	.050	.300	A	150	J	110.000	G	50NA	45	120		.010
ZT80	NS 211	18	FER	25	25	4.0	.500	.300	A	150	J	300.000	G	500NA	25	100		.010
ZT81	NS 211	18	FER	45	35	4.0	.500	.300	A	150	J	300.000	G	500NA	35	100		.010
ZT82	NS 211	18	FER	45	35	4.0	.500	.300	A	150	J	300.000	G	500NA	35	163		.010
ZT83	NS 211	18	FER	60	45	5.0	.500	.300	A	200	J	300.000	G	50NA	45	62		.010
ZT84	NS 211	18	FER	60	45	5.0	.500	.300	A	200	J	300.000	G	50NA	45	123		.010
ZT86	NS 211	18	FER	100	80	5.0	.500	.300	A	200	J	300.000	G	50NA	80	62		.010
ZT87	NS 211	18	FER	25	25	4.0	.500	.300	A	150	J	300.000	G	500NA	25	163		.010
ZT88	NS 211	18	FER	100	80	5.0	.500	.300	A	200	J	300.000	G	50NA	80	123		.010
ZT89	NS 211	18	FER	70	70	5.0	.500	.300	A	200	J	300.000	G	500NA	70	163		.010
ZT90	NS 211	5	FER	60	60	6.0	1.000	1.000	A	175	S	60.000	G	100NA	60	130		.200
ZT91	NS 211	5	FER	120	100	6.0	1.000	1.000	A	175	S	60.000	G	100NA	100	80		.200
ZT92	NS 211	5	FER	120	100	6.0	1.000	1.000	A	175	S	60.000	G	100NA	100	113		.200
ZT93	NS 211	5	FER	120	80	6.0	1.000	1.000	A	175	S	60.000	G	100NA	80	80		.150
ZT94	NS 211	5	FER	60	45	6.0	1.000	1.000	A	175	S	60.000	G	100NA	45	30		.200
ZT95	NS 211	5	FER	60	60	6.0	1.000	1.000	A	175	S	60.000	G	100NA	60	115		.350
ZT110	NS 211	46	FER	25	25	4.0	.500	.300	A	150	J	200.000	G	500NA	25	100		.010
ZT111	NS 211	46	FER	45	35	4.0	.500	.300	A	150	J	200.000	G	500NA	45	100		.010
ZT112	NS 211	46	FER	45	35	4.0	.500	.300	A	150	J	200.000	G	500NA	45	163		.010
ZT113	NS 211	46	FER	60	45	5.0	.500	.300	A	200	J	200.000	G	50NA	60	62		.010
ZT114	NS 211	46	FER	60	45	5.0	.500	.300	A	200	J	200.000	G	50NA	60	123		.010
ZT116	NS 211	46	FER	100	80	5.0	.500	.300	A	200	J	200.000	G	50NA	100	62		.010
ZT117	NS 211	46	FER	25	25	4.0	.500	.300	A	150	J	200.000	G	500NA	25	163		.010
ZT118	NS 211	46	FER	100	80	5.0	.500	.300	A	200	J	200.000	G	50NA	100	123		.010
ZT119	NS 211	46	FER	70	70	5.0	.500	.300	A	200	J	200.000	G	500NA	70	163		.010
ZT152	PS 211	18	FER	20	20	15.0	.500	.300	A	150	S	50.000	G	100NA	20	80		.010
ZT180	PS 211	18	FER	25	25	4.0	.500	.300	A	150	J	150.000	G	500NA	25	100		.010
ZT181	PS 211	18	FER	45	35	4.0	.500	.300	A	150	J	150.000	G	500NA	45	100		.010
ZT182	PS 211	18	FER	45	35	4.0	.500	.300	A	150	J	150.000	G	500NA	45	163		.010
ZT183	PS 211	18	FER	45	45	4.0	.500	.300	A	150	J	150.000	G	50NA	45	62		.010
ZT184	PS 211	18	FER	45	45	4.0	.500	.300	A	150	J	150.000	G	50NA	45	123		.010
ZT187	PS 211	18	FER	25	25	4.0	.500	.300	A	150	J	150.000	G	500NA	25	163		.010
ZT189	PS 211	18	FER	70	70	4.0	.500	.300	A	150	J	150.000	G	500NA	70	163		.010
ZT202P	NS 211	5	FER	30	20	4.0	.500	.300	A	100	J	100.000	G	1μA	30	18		.010
ZT203P	NS 211	5	FER	30	20	4.0	.500	.300	A	100	J	100.000	G	1μA	30	38		.010
ZT204P	NS 211	5	FER	30	20	4.0	.500	.300	A	100	J	100.000	G	1μA	30	78		.010
ZT280	PS 211	46	FER	25	25	4.0	.500	.300	A	150	J	150.000	G	500NA	25	100		.010
ZT281	PS 211	46	FER	45	35	4.0	.500	.300	A	150	J	150.000	G	500NA	45	100		.010
ZT282	PS 211	46	FER	45	35	4.0	.500	.300	A	150	J	150.000	G	500NA	45	163		.010
ZT283	PS 211	46	FER	45	45	4.0	.500	.300	A	150	J	150.000	G	50NA	45	62		.010
ZT284	PS 211	46	FER	45	45	4.0	.500	.300	A	150	J	150.000	G	50NA	45	123		.010
ZT287	PS 211	46	FER	25	25	4.0	.500	.300	A	150	J	150.000	G	500NA	25	163		.010
ZT402P	NS 211	18	FER	30	20	4.0	.500	.300	A	100	J	100.000	G	1μA	30	18		.010
ZT403P	NS 211	18	FER	30	20	4.0	.500	.300	A	100	J	100.000	G	1μA	30	38		.010
ZT404P	NS 211	18	FER	30	20	4.0	.500	.300	A	100	J	100.000	G	1μA	30	78		.010
ZT600	NS 211	5	FER	24	20	5.0	1.000	.800	A	200	A	250.000	G	1μA	18	100		.150
ZT696	NS 211	5	FER	60	40R	5.0	.500	.600	A	175	C	80.000	G	10NA	30	40		.150
ZT697	NS 211	5	FER	60	40R	5.0	.500	.600	A	175	C	100.000	G	10NA	30	75		.150
ZT708	NS 211	18	FER	40	15	6.0		.360	A	200	J	300.000	G	50NA	20	75		.010
ZT1479	NS 211	5	FER	60	60X	12.0	1.500	5.000	A	200	S	1.500	B	10μA	30	40		.200
ZT1480	NS 211	5	FER	100	100X	12.0	1.500	5.000	A	200	S	1.500	B	10μA	30	40		.200
ZT1481	NS 211	5	FER	60	60X	12.0	1.500	5.000	A	200	S	1.500	B	10μA	30	68		.200
ZT1482	NS 211	5	FER	100	100X	12.0	1.500	5.000	A	200	S	1.500	B	10μA	30	68		.200
ZT1483	NS 171	8	FER	60	60X	12.0	3.000	25.000	A	200	C	125.000	B	15μA	30	40		.750
ZT1484	NS 171	8	FER	100	100X	12.0	3.000	25.000	A	200	C	125.000	B	15μA	30	40		.750
ZT1485	NS 171	8	FER	60	60X	12.0	3.000	25.000	A	200	C	125.000	B	15μA	30	68		.750
ZT1486	NS 171	8	FER	100	100X	12.0	3.000	25.000	A	200	C	125.000	B	15μA	30	68		.750
ZT1487	NS 605	3	FER	60	60X	10.0	6.000	75.000	C	220	C	1.000	B	25μA	30	30		1.500
ZT1488	NS 605	3	FER	100	100X	10.0	6.000	75.000	C	220	C	1.000	B	25μA	30	30		1.500
ZT1489	NS 605	3	FER	60	60X	10.0	6.000	75.000	C	220	C	1.000	B	25μA	30	50		1.500

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS								Frequency Response (MHz)	COND	Cutoff I_{CBO} @ V_{CB}		Gain h_{FE} @ I_C(A)	
				V_{CB}	V_{CE}	V_{EB}	Collector Current(A)	Power (W)	COND	Temp. (°C)	COND						
ZT1490	NS 605	3	FER	100	100X	10.0	6.000	75.000	C	220	C	1.000	B	25µA	30	50	1.500
ZT1613	NS 211	5	FER	75	50R	7.0	1.000	.800	A	200	J	60.000	G	10NA	60	80	.150
ZT1700	NS 210	5	FER	60	40	6.0	1.000	5.000	A	200	S	1.200	B	75µA	30	60	.100
ZT1701	NS 171	8	FER	60	60X	6.0	2.500	25.000	C	200	S	1.000	B	100µA	30	60	.300
ZT1711	NS 211	5	FER	75	50	7.0		.800	A	200	J	70.000	G	10NA	60	200	.150
ZT2102	NS 211	5	FER	120	65	6.0	1.000	1.000	A	200	J	60.000	G	100NA	120	80	.150
ZT2205	NS 211	18	FER	25	15	5.0	.200	.300	A	300	S	300.000	G	50NA	15	80	.010
ZT2270	NS 211	5	FER	60	45	7.0	1.000	1.000	A	200	J	60.000	G	100NA	60	125	.150
ZT2368	NS 211	18	FER	40	15	4.5	.500	.360	A	200	S	550.000	G	100NA	20	40	.010
ZT2369	NS 211	18	FER	40	15	4.5	.500	.360	A	200	S	650.000	G	100NA	20	80	.010
ZT2369A	NS 211	18	FER	40	15	4.5	.500	.360	A	200	S	675.000	G	3NA	20	120	.010
ZT2857	NS 217	72	FER	30	15	2.5	.020	.200	A	200	J	1450.000	G	10NA	15	90	.003
ZT2938	NS 211	18	FER	25	13	5.0	.500	.300	A	200	S	700.000	G	3NA	20	125	.010
ZT5589			SEE RF POWER SECTION														
ZT5590			SEE RF POWER SECTION														
ZT5591			SEE RF POWER SECTION														
ZTX107	NS 56 A		FER	60	50	5.0	.100	.300	A	125	J	115.000	G	150NA	50	313	.002
ZTX107A (RED)	NS 56 A		FER	60	50	5.0	.100	.300	A	125	J	115.000	G	150NA	50	173	.002
ZTX107B (GRN)	NS 56 A		FER	60	50	5.0	.100	.300	A	125	J	115.000	G	150NA	50	370	.002
ZTX108	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	313	.002
ZTX108A (RED)	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	173	.002
ZTX108B (GRN)	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	370	.002
ZTX108C (BLU)	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	675	.002
ZTX109	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	570	.002
ZTX109B (GRN)	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	370	.002
ZTX109C (BLU)	NS 56 A		FER	45	30	5.0	.100	.300	A	125	J	115.000	G	15NA	30	675	.002
ZTX114	NS 56 A		FER	30	25	6.0		.300	A	175	S	350.000	G	200NA	5	350	.002
ZTX212	PS 56 A		FER	60	50	5.0	.200	.500	A	175	S	200.000	G	15NA	30	230	.002
ZTX212A (RED)	PS 56 A		FER	60	50	5.0	.200	.500	A	175	S	200.000	G	15NA	30	188	.002
ZTX212B (GRN)	PS 56 A		FER	60	50	5.0	.200	.500	A	175	S	200.000	G	15NA	30	300	.002
ZTX213	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	315	.002
ZTX213A (RED)	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	188	.002
ZTX213B (GRN)	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	300	.002
ZTX213C (BLU)	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	450	.002
ZTX214	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	345	.002
ZTX214B (GRN)	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	300	.002
ZTX214C (BLU)	PS 56 A		FER	45	30	5.0	.200	.500	A	175	S	200.000	G	15NA	30	450	.002
ZTX300	NS 56 A		FER	25	25	5.0	.500	.300	A	175	S	150.000	G	200NA	25	175	.010
ZTX301	NS 56 A		FER	35	35	5.0	.500	.300	A	175	S	150.000	G	200NA	35	175	.010
ZTX302	NS 56 A		FER	35	35	5.0	.500	.300	A	175	S	150.000	G	200NA	35	200	.010
ZTX303	NS 56 A		FER	45	45	5.0	.500	.300	A	175	S	150.000	G	200NA	45	175	.010
ZTX304	NS 56 A		FER	70	70	5.0	.500	.300	A	175	S	150.000	G	200NA	70	175	.010
ZTX310	NS 56 A		FER	25	20R	3.0	.500	.300	A	125	S	200.000	G	200NA	15	20	.010
ZTX311	NS 56 A		FER	20	15	5.0	.500	.300	A	125	S	200.000	G	200NA	15	125	.010
ZTX312	NS 56 A		FER	30	12	5.0	.500	.300	A	125	S	400.000	G	200NA	20	40	.010
ZTX313	NS 56 A		FER	40	15	5.0	.500	.300	A	125	S	500.000	G	200NA	20	80	.010
ZTX314	NS 56 A		FER	40	15	5.0	.500	.300	A	125	S	500.000	G	200NA	20	80	.010
ZTX320	NS 56 A		FER	30	15	3.0		.250	A	125	S	600.000	G	200NA	30	20	
ZTX321	NS 56 A		FER	30	15	3.0		.250	A	125	S	600.000	G	200NA	30	20	.003
ZTX325	NS 56 A		FER	30	15	2.5	.050	.200	A	175	J	1000.000	G	10NA	15	88	.002
ZTX326	NS 56 A		FER	25	12	2.5	.050	.200	A	175	J	1000.000	G	1µA	15	88	.002
ZTX327	NS 56 A		FER	55	30	3.5	.400	.500	A	175	J	800.000	G	20µA	28		
ZTX330	NS 56 A		FER	30	30	5.0	.500	.250	A	125	S	30.000	G	200NA	30	250	
ZTX331	NS 56 A		FER	45	45	5.0	.500	.250	A	125	S	30.000	G	200NA	45	80	
ZTX341	NS 56 A		FER	100	100	5.0	.100	.300	A	125	S			500NA	80	30	.002
ZTX342	NS 56 A		FER	120	120	5.0	.100	.300	A	125	S			500NA	100	30	.002
ZTX360	NS 56 A		FER	60	40	5.0	1.000	.500	A	175	A	250.000	G	500NA	40	88	.500
ZTX500	PS 56 A		FER	25	25	5.0	.500	.300	A	125	S	150.000	G	200NA	25	175	.010
ZTX501	PS 56 A		FER	35	35	5.0	.500	.300	A	125	S	150.000	G	200NA	35	175	.010
ZTX502	PS 56 A		FER	35	35	5.0	.500	.300	A	125	S	150.000	G	200NA	35	200	.010
ZTX503	PS 56 A		FER	45	45	5.0	.500	.300	A	125	S	150.000	G	200NA	45	175	.010
ZTX504	PS 56 A		FER	70	70	5.0	.500	.300	A	125	S	150.000	G	200NA	70	175	.010
ZTX510	PS 56 A		FER	12	12	5.0	.200	.250	A	125	S	400.000	G	100NA	6	95	.030
ZTX530	PS 56 A		FER	30	30	5.0	.500	.250	A	125	S	30.000	G	200NA	30	250	
ZTX531	PS 56 A		FER	45	45	5.0	.500	.250	A	125	S	30.000	G	200NA	45	80	
ZTX541	PS 56 A		FER	100	100	5.0	.100	.500	A	175	S			500NA	80	30	.002
ZTX542	PS 56 A		FER	120	120	5.0	.100	.500	A	175	S			500NA	100	30	.002
ZTX3702	PS 56 A		FER	40	25	5.0	.500	.500	A	175	S	100.000	G	100NA	20	180	.050
ZTX3703	PS 56 A		FER	50	30	5.0	.500	.500	A	175	S	100.000	G	100NA	20	90	.050
ZTX3903	PS 56 A		FER	60	40	6.0	.200	.500	A	175	S	200.000	G	50NA	30	100	.010
ZTX3904	PS 56 A		FER	60	40	6.0	.200	.500	A	175	S	300.000	G	50NA	30	200	.010
ZTX3905	PS 56 A		FER	40	40	5.0	.200	.500	A	175	S	200.000	G	50NA	30	100	.010
ZTX3906	PS 56 A		FER	40	40	5.0	.200	.500	A	175	S	250.000	G	50NA	30	200	.010
ZTX4400	NS 56 A		FER	60	40	6.0	.600	.500	A	175	S	200.000	G	100NA	35	100	.150
ZTX4401	NS 56 A		FER	60	40	6.0	.600	.500	A	175	S	250.000	G	100NA	35	200	.150
ZTX4402	PS 56 A		FER	40	40	5.0	.600	.500	A	175	S	150.000	G	100NA	35	100	.150
ZTX4403	PS 56 A		FER	40	40	5.0	.600	.500	A	175	S	200.000	G	100NA	35	200	.150

RF POWER TRANSISTOR SPECIFICATIONS

KEY TO MANUFACTURERS

ADV—Advance Research Association
AEI—Associated Electrical Industries (England)
AMC—Ampower Semiconductor Corp.
AME—Advance Micro-electronics, Inc.
AML—Amelco Semiconductor Division, Teledyne, Inc.
AMF—American Machine & Foundry Co., Leland Airborne Products Div.
AMP—Amperex Electronics Corp.
BEN—Bendix Corp., Semiconductor Div.
CBS—CBS Electronics
CDC—Continental Device Corp.
CLE—Clevite Transistor Corp.
CRY—Crystalonics
CSF—Compagnie Generale de T.S.F. (France)
CSR—CSR Industries, Inc., Semiconductor Div.
CTR—Communications Transistor Corp., Affiliate of Eimac/Varian
DEL—Delco Radio Div., General Motors Corp.
EBA—Ebauches S.A. (Switzerland)
ETC—Electronics Transistor Corp.
FER—Ferranti Ltd. (England)
FSC—Fairchild Semiconductor Div., Fairchild Camera and Instrument Corp.
GEC—General Electric Co., Semiconductor Products Dept.
GIC—General Instrument Corp.
GPD—Germanium Power Devices Corp.
GSE—General Semiconductor Industries, Inc.
GTC—See GIC
HIT—Hitachi Ltd. (Japan)
HUG—Hughes Aircraft Co., Microelectronics Div.
IMG—Intermetall (Germany)
INR—International Rectifier
ITC—Industro Transistor Corp.
ITT—ITT Semiconductors
KEL—Kyodo Electronic Laboratories, Inc. (Japan)
KER—Kertron, Inc.
KSC—KSC Semiconductor Corp.
MAL—P.R. Mallory & Co., Inc.
MAT—Matsushita Electronics Corp. (Japan)
MHR—Honeywell, Military Products Group
MOT—Motorola Semiconductor Products, Inc.
MSC—Microwave Semiconductor Corp.
MUL—Mullard Overseas Ltd. (England)
NEC—Nippon Electric Co. Ltd. (Japan)
NKT—Newmarket Transistor Ltd. (England)
NOE—Northern Electric Co.
NSC—National Semiconductor Corp.
OKI—OKI Electric Industry Co., Ltd. (Japan)
PHF—Philco-Ford Corp.
PHL—Philco
PHN—Philips Gloeamperfabrieken (Netherlands)
PPC—Power Physics Corp.
RAD—La Radiotechnique (France)
RAY—Raytheon Co., Semiconductor Div.
RCA—Radio Corporation of America, Electronic Components & Devices
SAN—Tokyo Sanyo Electric Co., Ltd. (Japan)
SEJ—Shindengen Electric Manufacturing Co., Ltd. (Japan)
SEM—Semitronics Corp.
SEN—Sensitron Semiconductor
SES—Societe Europienne des Semiconducteurs (France)
SIH—Siemens and Halske Aktiengesellschaft (Germany)
SOL—Solitron Devices, Inc.
SON—Sony Corp. (Japan)
SPC—Solid Power Corp.
SPR—Sprague Products Co.
SSD—Sperry Semiconductor
SSP—Solid State Products, Inc.
STC—Silicon Transistor Corp.
STI—Semiconductor Technology, Inc.
SYL—Sylvania Electric Products Inc., Semiconductor Div.
TAD—Tadiran (Israel)
TEC—Transitron Electronic Corp.
TFK—Telefunken Gmbh. (Germany)
TII—Texas Instruments, Inc.
TIL—Texas Instruments Ltd. (England)
TOS—Toshiba America, Inc.
TRW—TRW Semiconductors, Inc.
TSE—Tung-Sol Electric, Inc.
WHE—Westinghouse Electric Corp., Semiconductor Div.
WTV—Workman Electronic Products, Inc.
ZEN—Zenith Components & Accessories Div.

RF POWER TRANSISTORS

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS					RF OPERATION				η (%)	Cutoff I_{CBO} @ V_{CB}
				Power	V_{CB}	V_{CE}	V_{EB}	Temp. (°C) COND	G_{PE}	P_{OUT}	Freq.	V_{CC}		

Type number in italic type (e.g. *2N267*) signifies an obsolete transistor.

N = NPN
P = PNP
G = Germanium
S = Silicon

Numbers = Lead and Terminal Identification.

If no JEDEC is shown, dimensions are found in Transistor Outlines (Nonregistered) Section.

TO numbers refer to Registered Transistor Outlines.

Key to Manufacturers.

Maximum power that can be dissipated at 25°C case temperature.

Maximum operating temperature (°C)

Conditions:
A = Ambient
C = Case
J = Junction

Operating characteristics at 25°C case temperature.

Design gain G_{pe} produces output power P_{out} in circuit operating at the indicated frequency (Freq) and using collector voltage supply V_{CC}.

Collector efficiency (n_c) is for the conditions shown under RF operation.

Current between collector and base with emitter open, at voltage shown.
MA = milliamperes
μA = microamperes
NA = nanoamperes

Maximum voltages that cannot be exceeded without permanent damage to the transistor.

V_{CB} = Collector-to-base voltage with emitter open.

V_{CE} = Collector-to-emitter voltage (base open, if no subscript indicated).
R = Resistor between emitter and base.
S = Short between emitter and base.
X = B-E junction forward biased.

V_{EB} = Emitter-to-base reverse voltage with collector open.

RF POWER TRANSISTORS

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						RF OPERATION				η (%)	Cutoff I_{CBO} @ V_{CB}	
				Power	V_{CB}	V_{CE}	V_{EB}	Temp. (°C)	COND	G_{PE}	P_{OUT}	Freq.	V_{CC}			
2N267	PG 170 A		RCA		35V		1.0V	80	A			1320MHZ		00		
2N370	PG 75	7	RCA		20V		1.5V	71	A	17.0DB		1300MHZ		00	20μA	
2N371	PG 75	7	RCA		20V		.5V	71	A			1300MHZ		00	20μA	12V
2N372	PG 75	7	RCA		20V		.5V	71	A	17.0DB		1300MHZ		00	20μA	
2N509	PG 210	28	WEC	.2W	30V	2V	2.0V	100	J			7500MHZ		00		
2N646	NG 55	40	RCA	.1W	25V	25V	12.0V	85	S					00	14μA	25V
2N749	NS 295 B		RAY	.2W	45V	25V	1.5V	175	S			20MHZ		00	500NA	15V
2N751	NS 295 B		RAY	.2W	20V	20V	2.0V	175	S			50MHZ		00	800NA	6V
2N917	NS 217	72	AML,SES,HUG,TII,TEC,NSC	.2W	30V	15V	3.0V	200	J	9.0DB	10.0W	5000MHZ		00	1NA	15V
2N917A	NS 217	72	RAY	.2W	30V	15V	3.0V	200	J	15.0DB	20.0W	6000MHZ		00	1NA	15V
2N1388	NS 210	5	RAY	.2W	45V	25V	1.5V	175	S					00	500NA	15V
2N1390	NS 210	5	RAY	.2W	20V	20V	2.0V	175	S					00	800NA	6V
2N1505	NS 211	5	TRW,HUG	3.0W	50V	20V	3.0V	175	C	7.0DB	1.0W		28V	36	50μA	28V
2N1506	NS 211	5	SOL,TRW,HUG	3.0W	60V	20V	4.0V	175	C	9.0DB	1.0W		28V	36	10μA	28V
2N1506A	NS 211	5	SOL,TRW,HUG,STI	3.5W	80V	50V	5.0V	200	J	10.0DB	1.3W		28V	46	50NA	28V
2N1631	PG 55	40	RCA		34V		.5V	85	S			45MHZ		00	16μA	12V
2N1632	PG 120	1	RCA		34V		.5V	85	S			45MHZ		00	16μA	12V
2N1633	PG 55	40	RCA		34V		.5V	85	S			40MHZ		00	16μA	12V
2N1634	PG 120	1	RCA		34V		.5V	85	S			40MHZ		00	16μA	12V
2N1635	PG 55	40	RCA		34V		.5V	85	S			45MHZ		00	16μA	12V
2N1636	PG 120	1	RCA		34V		.5V	85	S			45MHZ		00	16μA	12V
2N1637	PG 120	1	RCA		34V		1.5V	85	S			45MHZ		00	5μA	12V
2N1638	PG 120	1	RCA		34V		1.5V	85	S			40MHZ		00	7μA	12V
2N1639	PG 120	1	RCA		34V		1.5V	85	S			45MHZ		00	7μA	12V
2N1645	PG 121	38	WEC	1.0W	35V	20V	1.0V	100	S	8.0DB	1.0W	450MHZ	18V	50	15μA	20V
2N1709	NS 171	8	TRW	13.0W	75V	30V	4.0V	175	S	10.0DB	5.0W	175MHZ	28V	50	10μA	28V
2N1710	NS 171	8	TRW,STI	13.0W	60V	30V	3.0V	175	S	8.0DB	5.0W	140MHZ	28V	50	50μA	28V
2N1713	PG 75	7	RCA		12V	30V	1.0V	85	S	11.0DB		100MHZ	6V	00	12μA	12V
2N1940	PG 546 B		MOT	3.5W	30V	15V	1.0V	100	S	10.0DB	1.0W	980MHZ		50	5μA	10V
2N1978	NS 560	59	FSC	30.0W	60V		5.0V	200	J			600MHZ		00		
2N2083	PG 75	7	RCA		30V		.5V	85	S			60MHZ		00	12μA	12V
2N2095	PG 171	31	HUG	1.0W	30V	15V	1.0V	100	S	6.0DB	.5W	500MHZ	16V	40	15μA	15V
2N2098	PG 171	9	HUG	1.0W	30V	15V	1.0V	100	S	6.0DB	.5W	500MHZ	15V	40	15μA	15V
2N2485	NS 211	5	NSC	8.8W	120V	120V	2.0V	200	S		5.0W	1000MHZ		46	500μA	120V
2N2486	NS 211	5	NSC	8.8W	140V	140V	2.0V	200	S		3.0W	1000MHZ		26	500μA	140V
2N2525	NS 560	61	TRW	16.0W	100V	80V	5.0V	200	J	10.0DB	5.0W	70MHZ	28V	51	5μA	28V
2N2568	NS 568 B		MOT	1.0W	35V	20V	1.0V	100	S	10.0DB	.3W	400MHZ	15V	50		
2N2631	NS 211	39	RCA	8.8W	80V	60V	4.0V	200	S	8.7DB		125MHZ	28V	70	100NA	30V
2N2649	NS 211	5	NSC	8.7W	65V	65V	1.0V	200	S	11.0DB	2.0W	100MHZ	28V	43	500μA	65V
2N2650	NS 211	5	NSC	8.7W	140V	140V	2.0V	200	S	2.2DB	4.5W	100MHZ	28V	49	500μA	140V
2N2781	NS 171	8	TRW	13.0W	75V	30V	5.0V	175	S	12.5DB	5.0W	75MHZ	28V	50	500μA	28V
2N2782	NS 171	8	TRW	13.0W	100V	40V	5.0V	175	S	12.5DB	5.0W	75MHZ	28V	50	500μA	28V
2N2783	NS 171	8	TRW	13.0W	100V	40V	5.0V	175	S	12.5DB	5.0W	70MHZ	28V	50	10μA	28V
2N2874	NS 171	8	TRW	15.0W	75V	40V	4.0V	175	S	10.0DB	3.0W	140MHZ	28V	40	10μA	28V
2N2876	NS 540	60	RCA	17.5W	80V	60V	4.0V	200	S	7.0DB	3.0W	150MHZ	28V	40	100NA	30V
2N2887	NS 560	61	TRW	25.0W	100V	80V	4.0V	200	S	9.0DB	10.0W	420MHZ	45V	50	500μA	28V
2N3118	NS 211	5	RCA,HUG,STI	4.0W	85V	60V	4.0V	200	S	10.0DB	1.0W	250MHZ	28V	45	100NA	30V
2N3229	NS 540	60	RCA,FER	17.5W	105V	60V	4.0V	200	J	8.8DB	15.0W	50MHZ	50V		100NA	30V
2N3375	NS 540	60	MOT,RCA,ITT,FSC,NSC,TII	11.6W	65V	40V	4.0V	200	J	13.7DB	3.0W	500MHZ	28V	40	1MA	65V
2N3543	NS 605	3	HUG,KER	60.0W	65V	60V	4.0V	175	J	8.0DB	20.0W	30MHZ	28V	50	10μA	50V
2N3553	NS 211	39	RCA,MOT,ITT,NSC,TII,AMP	7.0W	65V	40V	4.0V	200	J	14.0DB	2.5W	500MHZ	28V	50	1MA	65V
2N3632	NS 540	60	MOT,RCA,ITT,NSC,TII,AMP	16.0W	65V	40V	4.0V	200	J	8.6DB	13.5W	500MHZ	28V	70	500μA	65V
2N3664	NS 546	102	MOT	5.0W	60V	40V	4.0V	200	J	7.4DB	3.0W	250MHZ	25V	50	10μA	50V
2N3733	NS 540	60	RCA,MOT,ITT,RAY,IMH,TIL	23.0W	65V	40V	4.0V	200	C	4.0DB	10.0W	400MHZ	28V	45	500μA	65V
2N3866	NS 211	39	RCA,MOT,ITT,NSC,TII,IMH	3.6W	55V	30V	3.5V	200	J	10.0DB	1.0W	800MHZ	28V	45	100μA	55V
2N3924	NS 211	39	MOT,AMP,SOL	7.0W	36V	18V	4.0V	200	C	6.0DB	4.0W	175MHZ	14V	70	100μA	15V
2N3925	NS 540	102	MOT	10.0W	36V	18V	4.0V	200	C	5.8DB	5.0W	175MHZ	14V	70	100μA	15V
2N3926	NS 543	60	MOT,AMP,SOL	11.6W	36V	18V	4.0V	200	C	5.4DB	7.0W	175MHZ	14V	70	100μA	15V
2N3927	NS 543	60	MOT,AMP,SOL	23.2W	36V	18V	4.0V	200	C	4.8DB	12.0W	175MHZ	14V	80	250μA	15V
2N3948	NS 210	39	MOT	5.0W	36V	20V	3.5V	200	C	6.0DB	1.0W	400MHZ	14V	45	100NA	15V
2N3950	NS 543	60	MOT	70.0W	65V	35V	4.0V	200	J	8.0DB	50.0W	50MHZ	28V	60	10MA	65V
2N3961	NS 540	102	MOT	10.0W	65V	40V	4.0V	200	C	9.0DB	4.0W	175MHZ	28V	60	1MA	65V
2N4012	NS 540	60	MOT,RCA,ITT,IMH	11.6W	65V	40V	4.0V	200	J	4.0DB	2.5W	1002MHZ	28V	25	1MA	65V
2N4040	NS 962	117	TRW,TII,SOL,TIL,FER	17.5W	60V	40V	4.0V	200	J	4.3DB	8.0W	400MHZ	28V	50	200μA	30V
2N4041	NS 962	117	TRW,TII,SOL,TIL,FER	10.0W	60V	40V	4.0V	200	J	5.2DB	3.3W	400MHZ	28V	50	200μA	30V
2N4127	NS 962	117	TRW,TIL,SOL	25.0W	60V	40V	4.0V	200	S	7.3DB	13.5W	175MHZ	25V	60	500μA	30V
2N4128	NS 962	117	TRW,TIL,SOL	40.0W	60V	40V	4.0V	200	S	6.0DB	24.0W	175MHZ	25V	65	500μA	30V
2N4130	NS 605	3	HUG,KER,SOL	120.0W	80V	65V	4.0V	175	J	8.0DB	50.0W	70MHZ	28V	50	20μA	80V
2N4131	NS 605	3	HUG,KER	60.0W	90V	80V	4.0V	175	J	11.7DB	30.0W	70MHZ	40V	50	10μA	80V
2N4132	NS 632	37	HUG,KER	7.5W	90V	80V	5.0V	175	J	10.9DB	5.0W	70MHZ	40V	50	10μA	80V
2N4133	NS 213	5	HUG,KER	3.0W	90V	80V	5.0V	175	J	13.0DB	1.0W	70MHZ	28V	50	10μA	80V
2N4350	NS 211	5	HUG	7.0W	65V	40V	4.0V	200	C	7.8DB	1.5W	200MHZ	28V			
2N4427	NS 211	39	RCA,ITT,AMP,MOT,IMH,HUG	3.5W	40V	20V	2.0V	200	J	10.0DB	1.0W	175MHZ	12V	50	1MA	40V
2N4428	NS 211	39	TRW,MOT,SOL,FER	3.5W	55V	35V	3.5V	200	J	10.0DB	.8W	500MHZ	28V	35	1MA	55V
2N4429	NS 962	117	TRW,TIL,SOL,FER	5.0W	55V	35V	3.5V	200	J	5.2DB	1.0W	1000MHZ	28V	35	1MA	55V
2N4430	NS 959	129	TRW,TIL,SOL,FER	10.0W	55V	40V	3.5V	200	J	5.0DB	2.5W	1000MHZ	28V	35	2MA	55V
2N4431	NS 959	129	TRW,TIL,SOL,FER	18.0W	55V	40V	3.5V	200	J	5.0DB	5.0W	1000MHZ	28V	35	4MA	55V
2N4440	NS 540	60	RCA,RAY,IMH,SOL	11.6W	65V	40V	4.0V	200	C	5.0DB	5.0W	400MHZ	28V	45	1MA	65V
2N4874	NS 211	39	FSC	6.0W	30V	20V	2.0V	200	C	10.0DB	1.0W	400MHZ	20V		500NA	15V
2N4875	NS 211	39	FSC	6.0W	40V	25V	2.0V	200	C	9.5DB	.9W	400MHZ	20V		500NA	15V
2N4876	NS 211	39	FSC	6.0W	40V	30V	2.0V	200	C	8.5DB	.7W	400MHZ	20V		500NA	15V
2N4932	NS 543	60	RCA	70.0W	50V	25V	4.0V	200	C	5.4DB	12.0W	70MHZ	14V	70	5MA	45V
2N4933	NS 543	60	RCA,SOL	70.0W	70V	35V	4.0V	200	C	7.6DB	20.0W	70MHZ	24V	70	5MA	65V
2N5016	NS 543	60	RCA,RAY,TIL,SOL	30.0W	65V	30V	4.0V	200	C	4.8DB	15.0W	400MHZ	28V	50	10MA	60V
2N5025	NS 543	60	FSC	45.0W	75V	75V	4.5V	200	J	7.6DB	20.0W	50MHZ	14V	65	10μA	60V
2N5026	NS 543	60	FSC	45.0W	90V	90V	4.5V	200	J	10.0DB	25.0W	80MHZ	28V	65	10μA	50V
2N5070	NS 543	60	RCA,SOL,MOT,FER	70.0W	65V	30V	4.0V	200	C	13.0DB	25.0W	30MHZ	28V	40	10MA	60V
2N5071	NS 543	60	RCA,SOL	70.0W	65V	30V	4.0V	200	C	9.0DB	24.0W	76MHZ	24V	60	10MA	60V
2N5090	NS 543	60	RCA,SOL	5.0W	55V	30V	3.5V	200	J	7.8DB	1.2W	400MHZ	28V	45	1MA	55V
2N5102	NS 543	60	RCA,SOL	70.0W	90V	50V R	4.0V	200	C	4.0DB	15.0W	136MHZ	24V	70	20MA	83V
2N5108	NS 211	39	RCA,RAY,MOT,SOL	3.5W	55V	55V R	3.0V	200	S	5.0DB	1.0W	1200MHZ	28V	35	1μA	50V
2N5108A	NS 211	39		3.5W	55V	55V	3.0V	200	C	5.0DB	1.0W	1000MHZ	28V	35	10NA	50V
2N5109	NS 211	39	RCA,SOL	2.5W	40V	20V	3.0V	200	S	11.0DB	1.3W	1200MHZ	15V	09	5MA	35V
2N5160	PS 211	39	MOT	5.0W	60V	40V	4.0V	200	S	8.0DB	1.0W	500MHZ	28V	45	1μA	28V
2N5161	PS 543	60	MOT	20.0W	60V	40V	4.0V	200	S	8.8DB	7.5W	175MHZ	28V	45	100μA	28V
2N5162	PS 543	60	MOT	50.0W	60V	40V	4.0V	200	S	6.0DB	30.0W	175MHZ	28V	55	200μA	28V
2N5177	NS 650 A		TRW	40.0W	55V	35V	3.5V	200	J		25.0W	200MHZ	28V	60		
2N5178	NS 650 A		TRW	70.0W	55V	35V	3.5V	200	J		50.0W	200MHZ	28V	60		
2N5208	PS 41	92	MOT	1.0W	30V	25V	3.0V	150	J	22.0DB		750MHZ	12V	00	10NA	10V
2N5214	NS 960 B		KER	60.0W	95V	95V	4.0V	200	C	7.0DB	50.0W	150MHZ	40V	63	1MA	80V
2N5215	NS 543	60	KER	23.0W	70V	70V	4.0V	200	C	5.0DB	10.0W	200MHZ	28V	65	500μA	65V
2N5216	NS 960 A		KER	25.0W	80V	80V	4.0V	200	C	4.0DB	15.0W	400MHZ	40V	50	100μA	70V
2N5217	NS 960 A		KER	7.5W	80V	80V	4.0V	200	C	7.0DB	4.0W	400MHZ	40V	40	100μA	70V
2N5421	NS 211	39	SOL	3.0W	36V	18V	4.0V	200	C	9.0DB	1.0W	175MHZ	14V	55	1μA	18V
2N5422	NS 211	39		5.0W	36V	18V	4.0V	200	C	8.0DB	2.0W	175MHZ	14V	70	1μA	18V

RF POWER TRANSISTORS

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						RF OPERATION				η (%)	Cutoff
				Power	V_{CB}	V_{CE}	V_{EB}	Temp. (°C)	COND	G_{PE}	P_{OUT}	Freq.	V_{CC}		I_{CBO} @ V_{CB}
2N5423	NS 543	60	SOL	12.0W	36V	18V	4.0V	200	C	6.0DB	5.0W	175MHZ	14V	70	1μA 18V
2N5424	NS 543	60	SOL	20.0W	36V	18V	4.0V	200	C	5.0DB	13.1W	175MHZ	14V	70	1μA 18V
2N5424A	NS 543	60	KER	20.0W	36V	18V	4.0V	200	C	5.0DB	13.0W	175MHZ	14V	70	1μA 18V
2N5470	NS 951 A		RCA	3.5W	55V	55V R	3.5V	200	C	5.0DB	1.0W	2000MHZ	28V		1MA 50V
2N5481	NS 962 B		TRW	5.0W	50V	30V	3.0V	200	C	6.0DB	1.0W	2000MHZ	28V	25	2MA 50V
2N5482	NS 962 B		TRW	10.0W	50V	30V	3.0V	200	C	5.0DB	2.5W	2000MHZ	28V	30	3MA 50V
2N5483	NS 962 B		TRW	20.0W	45V	30V	3.0V	200	C	4.0DB	5.0W	2000MHZ	28V	30	6MA 45V
2N5589	NS 962 A		MOT	15.0W	36V	18V	4.0V	200	C	8.2DB	3.0W	175MHZ	14V	50	1MA 15V
2N5590	NS 964 C		MOT	30.0W	36V	18V	4.0V	200	C	5.2DB	10.0W	175MHZ	14V	50	1MA 15V
2N5591	NS 964 C		MOT,SOL	70.0W	36V	18V	4.0V	200	C	4.4DB	25.0W	175MHZ	14V	50	1MA 15V
2N5595	NS 962 B		TRW	20.0W	55V	30V	3.5V	200	C	6.0DB	10.0W	1000MHZ	28V	60	5MA 50V
2N5596	NS 962 B		TRW	40.0W	55V	30V	3.5V	200	C	5.0DB	20.0W	1000MHZ	28V	60	5MA 50V
2N5635	NS 962 A		MOT	7.5W	60V	35V	4.0V	200	C	6.2DB	2.5W	400MHZ	28V	50	100μA 30V
2N5636	NS 962 A		MOT	15.0W	60V	35V	4.0V	200	C	5.7DB	7.5W	400MHZ	28V	50	1MA 30V
2N5637	NS 964 C		MOT	30.0W	60V	35V	4.0V	200	C	4.6DB	20.0W	400MHZ	28V	60	1MA 30V
2N5641	NS 962 A		MOT,SOL	15.0W	65V	35V	4.0V	200	C	8.4DB	7.0W	175MHZ	28V	60	1MA 30V
2N5642	NS 964 C		MOT,SOL	30.0W	65V	35V	4.0V	200	C	8.2DB	20.0W	175MHZ	28V	60	1MA 30V
2N5643	NS 964 C		MOT,SOL	60.0W	65V	35V	4.0V	200	C	7.6DB	40.0W	175MHZ	28V	60	1MA 30V
2N5644	NS 964 B		MOT	3.5W	36V	18V	4.0V	200	C	7.0DB	1.0W	470MHZ	13V	60	100μA 15V
2N5645	NS 964 B		MOT	12.0W	36V	18V	4.0V	200	C	6.0DB	4.0W	470MHZ	13V	60	500μA 15V
2N5646	NS 964 B		MOT	30.0W	36V	18V	4.0V	200	C	4.7DB	12.0W	470MHZ	13V	60	1MA 15V
2N5687	NS 211	39	TRW	5.0W	40V	20V	3.0V	200	C	12.0DB	1.5W	50MHZ	13V	65	1MA 10V
2N5688	NS 962	117	TRW	10.0W	40V	20V	3.0V	200	C	13.0DB	5.0W	50MHZ	13V	65	1MA 10V
2N5689	NS 962	117	TRW	25.0W	60V	40V	3.0V	200	C	10.0DB	10.0W	50MHZ	13V	60	1MA 10V
2N5690	NS 962	128	TRW	50.0W	50V	30V	4.0V	200	C	10.0DB	25.0W	50MHZ	13V	60	1MA 10V
2N5691	NS 655 A		TRW	88.0W	50V	30V	4.0V	200	C	8.0DB	40.0W	50MHZ	13V	60	1MA 10V
2N5697	NS 211	39	TRW	3.5W	40V	18V	3.0V	200	C	7.0DB	.3W	470MHZ	13V	60	1MA 10V
2N5698	NS 961	131	TRW	5.0W	40V	18V	3.0V	200	C	6.0DB	1.0W	470MHZ	13V	60	1MA 10V
2N5699	NS 964	129	TRW	10.0W	40V	18V	3.0V	200	C	5.5DB	3.5W	470MHZ	13V	60	2MA 10V
2N5700	NS 964	129	TRW	35.0W	40V	18V	3.0V	200	C	5.0DB	11.0W	470MHZ	13V	60	2MA 10V
2N5701	NS 964	129	TRW	35.0W	40V	18V	3.0V	200	C	5.0DB	20.0W	470MHZ	13V	60	3MA 10V
2N5702	NS 211	39	TRW	.8W	36V	18V	3.0V	200	C	6.0DB	1.5W	175MHZ	13V	60	1MA 10V
2N5703	NS 962	117	TRW	10.0W	36V	18V	3.0V	200	C	8.0DB	3.0W	175MHZ	13V	60	1MA 10V
2N5704	NS 962	117	TRW	25.0W	36V	18V	3.0V	200	C	5.0DB	12.0W	175MHZ	13V	60	1MA 10V
2N5705	NS 962	128	TRW	44.0W	36V	18V	3.0V	200	C	4.0DB	25.0W	175MHZ	13V	60	2MA 10V
2N5706	NS 655 A		TRW	80.0W	36V	18V	3.0V	200	C	4.0DB	40.0W	175MHZ	13V	60	3MA 10V
2N5707	NS 962	128	FER	70.0W	70V	50V	4.0V	200	J	14.0DB		28MHZ	28V	65	5MA 55V
2N5708	NS 962	128	FER	100.0W	70V	50V	4.0V	200	J	13.0DB		28MHZ	28V	65	5MA 55V
2N5709	NS 655 A		TRW	140.0W	70V	50V	4.0V	200	J	13.0DB	40.0W	28MHZ	28V	40	10MA 55V
2N5710	NS 211	39	TRW	3.5W	40V	20V	3.0V	200	C	11.0DB	.3W	150MHZ	13V	60	100μA 5V
2N5711	NS 962	117	TRW	10.0W	60V	36V	3.0V	200	C	10.0DB	1.5W	150MHZ	13V	60	200μA 10V
2N5712	NS 962	117	TRW	25.0W	60V	40V	4.0V	200	C	6.0DB	5.0W	150MHZ	13V	60	300μA 10V
2N5713	NS 962	128	TRW	45.0W	60V	40V	4.0V	200	C	5.0DB	11.0W	150MHZ	13V	60	500μA 10V
2N5714	NS 650 A		TRW	70.0W	60V	40V	4.0V	200	C	5.0DB	20.0W	150MHZ	13V	60	1MA 10V
2N5715	NS 963 A		TRW	6.0W	50V	30V	3.5V	200	C	9.0DB	.3W	2000MHZ	28V	15	500μA 45V
2N5761	NS 965 A		NEC	.2W	20V	15V	3.0V	150	C	3.0DB		4000MHZ	10V		500NA 10V
2N5762	NS 965 A		NEC	.3W	20V	20V	1.5V	150	C	7.0DB		2000MHZ	10V		500NA 10V
2N5764	NS 962 D		TRW	10.0W	55V	25V	3.5V	200	C	6.0DB	2.5W	1000MHZ	28V	40	5MA 28V
2N5765	NS 962 D		TRW	19.0W	55V	25V	3.5V	200	C	6.0DB	5.0W	1000MHZ	28V	40	8MA 28V
2N5766	NS 962 D		TRW	5.0W	55V	25V	3.5V	200	C	8.0DB	1.0W	2000MHZ	28V	30	3MA 28V
2N5767	NS 962 D		TRW	10.0W	55V	25V	3.5V	200	C	8.0DB	2.5W	2000MHZ	28V	30	5MA 28V
2N5768	NS 962 D		TRW	20.0W	55V	25V	3.5V	200	C	6.0DB	5.0W	2000MHZ	28V	33	10MA 28V
2N5834	PS 210	39	TII	5.0W	60V	40V	4.0V	200	C	10.0DB	2.5W	175MHZ	28V	50	
2N5846	NS 546	102	MOT	10.0W	36V	18V	4.0V	200	C	10.0DB	3.5W	50MHZ	13V	50	500μA 15V
2N5847	NS 964 C		MOT	20.0W	36V	18V	4.0V	200	C	10.0DB	8.0W	50MHZ	13V	50	1MA 15V
2N5848	NS 964 C		MOT	50.0W	48V	24V	4.0V	200	S	8.0DB	20.0W	50MHZ	13V	50	1MA 15V
2N5862	NS 964 D		MOT	80.0W	65V	35V	4.0V	200	J	5.0DB	75.0W	150MHZ	14V	60	2MA 30V
2N5913	NS 211	39	RCA,FER	3.5W	36V	14V	3.5V	200	C	12.4DB	1.8W	175MHZ	13V	50	1MA 13V
2N5914	NS 966 A		RCA	5.7W	36V	14V	3.5V	200	C	7.0DB	2.0W	470MHZ	13V	65	1MA 13V
2N5915	NS 966 A		RCA	10.7W	36V	14V	3.5V	200	C	4.8DB	6.0W	470MHZ	13V	65	3MA 13V
2N5916	NS 966 A		RCA	4.0W	55V	24V	3.5V	200	C	10.0DB	2.0W	400MHZ	28V	50	1MA 30V
2N5917	NS 966 B		RCA	4.0W	55V	24V	3.5V	200	C	10.0DB	2.0W	400MHZ	28V	50	1MA 30V
2N5918	NS 966 A		RCA	10.0W	60V	24V	4.0V	200	C	8.0DB	10.0W	400MHZ	28V	55	5MA 30V
2N5919	NS 966 A		RCA	25.0W	65V	30V	4.0V	200	C	6.0DB	16.0W	400MHZ	28V	60	10MA 30V
2N5919A	NS 966	216 AA	RCA	25.0W	65V	30V	4.0V	200	S	6.0DB	16.0W	400MHZ	28V	65	10MA 30V
2N5920	NS 951 A		RCA	3.5W	50V	50V S	3.5V	200	C	10.0DB	2.0W	2000MHZ	28V	40	1MA 50V
2N5921	NS 951 B		RCA	14.5W	50V	50V R	3.5V	200	C	7.0DB	5.0W	2000MHZ	28V	40	1MA 45V
2N5922	NS 962 D		MOT	5.0W	55V	35V	3.5V	200	S	5.0DB	1.0W	1000MHZ	28V	35	4MA 30V
2N5923	NS 962 D		MOT	6.0W	55V	35V	3.5V	200	S	5.0DB	2.5W	1000MHZ	28V	40	10MA 30V
2N5924	NS 962 D		MOT	10.0W	55V	35V	3.5V	200	S	5.0DB	5.0W	1000MHZ	28V	40	20MA 30V
2N5925	NS 962 D		MOT	13.0W	55V	35V	3.5V	200	S	5.0DB	10.0W	1020MHZ	28V	40	25MA 30V
2N5941	NS 655 B		MOT	80.0W	65V	35V	4.0V	200	S	13.0DB	40.0W	30MHZ	28V	40	5MA 28V
2N5942	NS 655 C		MOT	140.0W	65V	35V	4.0V	200	S	13.0DB	80.0W	30MHZ	28V	40	10MA 28V
2N5944	NS 962 F		MOT	5.0W	36V	16V	4.0V	200	S	9.0DB	2.0W	470MHZ	13V	60	1MA 15V
2N5945	NS 962 F		MOT	15.0W	36V	16V	4.0V	200	S	8.0DB	4.0W	470MHZ	13V	60	1MA 15V
2N5946	NS 962 F		MOT	37.5W	36V	16V	4.0V	200	S	6.0DB	10.0W	470MHZ	13V	60	2MA 15V
2N5947	NS 962 E		MOT	16.0W	40V	30V	3.5V	200	S	10.0DB		1000MHZ		60	10μA 20V
2N5992	NS 966 A		RCA	35.7W	65V	30V	3.5V	200	S	11.5DB	7.0W	66MHZ	13V	55	10MA 60V
2N5993	NS 966 A		RCA	35.7W	36V	18V	3.5V	200	S	12.5DB	18.0W	66MHZ	13V	65	10MA 13V
2N5994	NS 966 A		RCA	35.7W	65V	30V	3.5V	200	S	7.0DB	15.0W	118MHZ	13V	70	5MA 60V
2N5995	NS 966 A		RCA	10.7W	36V	14V	3.5V	200	S	9.7DB	7.0W	175MHZ	13V	65	5MA 13V
2N5996	NS 966 A		RCA	35.7W	36V	18V	3.5V	200	S	4.5DB	15.0W	175MHZ	13V	75	10MA 13V
2N6080	NS 964 C		MOT	12.0W	36V	18V	4.0V	200	S	12.0DB	4.0W	175MHZ	13V	50	250NA 15V
2N6081	NS 964 C		MOT	31.0W	36V	18V	4.0V	200	S	6.3DB	1.5W	175MHZ	13V	60	500NA 15V
2N6082	NS 964 C		MOT	65.0W	36V	18V	4.0V	200	S	6.2DB	25.0W	175MHZ	13V	65	1MA 15V
2N6083	NS 964 C		MOT	65.0W	36V	18V	4.0V	200	S	5.7DB	30.0W	175MHZ	13V	65	1MA 15V
2N6084	NS 964 C		MOT	80.0W	36V	18V	4.0V	200	S	4.5DB	40.0W	175MHZ	13V	70	3MA 15V
2N6093	NS 970 A		RCA	83.3W	70V	35V	3.5V	200	S	13.0DB	37.5W	30MHZ	28V	40	15V
2N6094	PS 655 B		MOT	8.0W	36V	18V	4.0V	200	S	12.0DB	4.0W	175MHZ	13V	50	250μA 15V
2N6095	PS 655 B		MOT	20.0W	36V	18V	4.0V	200	S	6.3DB	15.0W	175MHZ	13V	55	500μA 15V
2N6096	PS 655 B		MOT	40.0W	36V	18V	4.0V	200	S	5.7DB	30.0W	175MHZ	13V	60	1MA 15V
2N6097	PS 655 B		MOT	60.0W	36V	18V	4.0V	200	S	4.5DB	40.0W	175MHZ	13V	60	3MA 15V
2N6104	NS 651 A		RCA	36.0W	65V	30V	4.0V	200	S	5.0DB	30.0W	400MHZ	28V	65	10MA 30V
2N6105	NS 966 A		RCA	36.0W	65V	30V	4.0V	200	S	5.0DB	30.0W	400MHZ	28V	65	10MA 30V
2N6136	NS 964 C		MOT	60.0W	36V	18V	4.0V	200	S	4.0DB	25.0W	470MHZ	13V	65	
2N6166	NS 655 C		MOT	117.0W	65V	35V	4.0V	200	S	6.0DB	100.0W	150MHZ	28V	60	3MA 30V
2N6197	NS 964 C		COM	10.0W	60V	35V	4.0V	200	S	13.0DB	3.0W	175MHZ	28V	60	2MA 30V
2N6198	NS 964 C		COM	25.0W	60V	35V	4.0V	200	S	10.8DB	12.0W	175MHZ	28V	60	5MA 30V
2N6199	NS 964 C		COM	50.0W	60V	35V	4.0V	200	S	8.5DB	25.0W	175MHZ	28V	60	10MA 30V
2N6200	NS 964 C		COM	85.0W	60V	35V	4.0V	200	S	8.2DB	40.0W	175MHZ	28V	60	20MA 30V
2N6201	NS 964 D		COM	140.0W	60V	35V	4.0V	200	S	5.4DB	70.0W	175MHZ	28V	50	20MA 30V
2N6202	NS 964 C		COM	10.0W	60V	33V	4.0V	200	S	10.0DB	3.0W	400MHZ	28V	50	2MA 30V
2N6203	NS 964 C		COM	20.0W	60V	33V	4.0V	200	S	6.8DB	12.0W	400MHZ	28V	60	5MA 30V
2N6204	NS 964 C		COM	40.0W	60V	33V	4.0V	200	S	6.2DB	25.0W	400MHZ	28V	60	10MA 30V
2N6205	NS 964 C		COM	80.0W	60V	33V	4.0V	200	S	5.2DB	40.0W	400MHZ	28V	65	20MA

RF POWER TRANSISTORS

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						RF OPERATION				η (%)	Cutoff I_{CBO} @ V_{CB}	
				Power	V_{CB}	V_{CE}	V_{EB}	Temp. (°C)	COND	G_{PE}	P_{OUT}	Freq.	V_{CC}			
2N6206	NS 964 K		COM	10.0W	50V	30V	4.0V	200	S	7.0DB	3.0W	1000MHZ	28V	50	2MA	
2N6207	NS 964 K		COM	20.0W	50V	30V	4.0V	200	S	5.2DB	10.0W	1000MHZ	28V	50	5MA	
2N6208	NS 964 K		COM	40.0W	50V	30V	4.0V	200	S	4.0DB	20.0W	1000MHZ	28V	50	10MA	
2N6255	NS 210	39	MOT	5.0W	36V	18V	4.0V	200	S	7.8DB	35.0W	175MHZ	13V	50	250μA	15V
2N6256	NS 961 A		MOT	2.0W	36V	16V	4.0V	200	S	7.0DB	.5W	470MHZ	13V	60	500μA	15V
2N6265	NS 940 A		RCA	6.2W	50V	50V R	3.5V	200	S	8.2DB	2.0W	2000MHZ	28V	33	2MA	45V
2N6266	NS 940 A		RCA	14.8W	50V	50V R	3.5V	200	S	7.0DB	5.0W	2000MHZ	28V	33	2MA	45V
2N6267	NS 940 A		RCA	21.0W	50V	50V R	3.5V	200	S	7.0DB	10.0W	2000MHZ	28V	33	2MA	45V
2N6268	NS 940 A		RCA	6.2W	45V	45V R	3.5V	200	S	7.0DB	2.0W	2300MHZ	22V	33	2MA	40V
2N6269	NS 940 A		RCA	21.0W	45V	45V R	3.5V	200	S	7.0DB	2.0W	2300MHZ	22V	33	2MA	40V
2N6361	NS 880 A		COM	50.0W	60V	33V	4.0V	200	S	9.0DB	20.0W	400MHZ	28V	65	10MA	30V
2N6362	NS 880 A		COM	110.0W	60V	33V	4.0V	200	S	7.5DB	40.0W	400MHZ	28V	65	10MA	30V
2N6363	NS 880 A		COM	175.0W	60V	33V	4.0V	200	S	8.7DB	75.0W	400MHZ	28V	65	20MA	30V
2N6364	NS 880 A		COM	175.0W	50V	33V	4.0V	200	S	7.2DB	75.0W	750MHZ	28V	65	20MA	30V
2N6365	PG 211	18	MOT	.1W	30V	10V	1.0V	100	S	25.0DB		300MHZ		00	10μA	15V
2N6365A	PG 211	18	MOT	.1W	30V	10V	1.0V	100	S	25.0DB		300MHZ		00	10μA	15V
2N6366	NS 546	102	MOT	10.0W	36V	18V	4.0V	200	S	17.0DB	2.5W	50MHZ	13V	39		
2N6367	NS 655 B		MOT	20.0W	36V	18V	4.0V	200	J	14.0DB	9.0W	300MHZ	13V	36	10MA	15V
2N6368	NS 655 C		MOT	140.0W	40V	20V	4.0V	200	J	10.0DB	40.0W	300MHZ	13V	34	10MA	12V
2N6369	NS 982 A		COM	220.0W	60V	35V	4.0V	200	S	7.2DB	80.0W	175MHZ	28V	50		
2N6370	NS 655 B		MOT	20.0W	65V	35V	4.0V	200	S	12.0DB	10.0W	50MHZ	28V	38		
2N6390	NS 968 A		RCA	8.3W	50V	50V R	3.5V	200	J	8.0DB	3.0W	2000MHZ	28V	30		
2N6391	NS 968 A		RCA	16.7W	50V	50V R	3.5V	200	J	7.0DB	5.0W	2000MHZ	28V	30		
2N6392	NS 968 A		RCA	21.0W	50V	50V R	3.5V	200	J	5.0DB	10.0W		28V	33		
2N6393	NS 968 A		RCA	21.0W	45V	45V R	3.5V	200	J	7.0DB	10.0W		28V	35		
2N6455	NS 964 K		TRW	60.0W	45V	25V	3.0V	200	J	15.0DB	20.0W	30MHZ	13V	40		
2N6456	NS 964 K		TRW	75.0W	45V	25V	3.0V	200	J	14.0DB	45.0W	30MHZ	13V	40		
2N6457	NS 964 L		TRW	140.0W	45V	25V	3.0V	200	J	13.0DB	75.0W	30MHZ	13V	40		
2N6458	NS 655 B		TRW	75.0W	45V	25V	3.0V	200	J	15.0DB	20.0W	30MHZ	13V	40		
2N6459	NS 655 B		TRW	120.0W	45V	25V	3.0V	200	J	14.0DB	45.0W	30MHZ	13V	40		
2N6460	NS 655 D		TRW	140.0W	45V	25V	3.0V	200	J	13.0DB	75.0W	30MHZ	13V	40		
2N6510	NS 605	3	RCA	120.0W	250V	200V	6.0V	200	J			6MHZ	V	00		
2N6511	NS 605	3	RCA	120.0W	300V	250V	6.0V	200	J			6MHZ	V	00		
2N6512	NS 605	3	RCA	120.0W	350V	300V	6.0V	200	J			6MHZ	V	00		
2N6513	NS 605	3	RCA	120.0W	400V	350V	6.0V	200	J			6MHZ	V	00		
2N6514	NS 605	3	RCA	120.0W	350V	300V	6.0V	200	J			6MHZ	V	00		
2N6523	NS 969 A		MSC	5.0W	40V	40V R	3.0V	200	S	9.4DB	1.7W	2300MHZ	22V	40	1MA	32V
2N6524	NS 969 A		MSC	10.3W	40V	40V R	3.0V	200	S	8.4DB	3.5W	2300MHZ	22V	40	1MA	32V
2N6525	NS 969 A		MSC	20.5W	40V	40V R	3.0V	200	S	8.4DB	7.0W	2300MHZ	22V	40	2MA	32V
2N6526	NS 969 A		MSC	3.9W	50V	50V R	3.5V	200	S	7.0DB	.5W	3000MHZ	28V	25	5MA	40V
2N6527	NS 969 A		MSC	5.0W	50V	50V R	3.5V	200	S	7.0DB	1.0W	3000MHZ	28V	30	1MA	40V
2N6528	NS 969 A		MSC	10.3W	50V	50V R	3.5V	200	S	5.0DB	2.5W	3000MHZ	28V	30	1MA	40V
2N6529	NS 969 A		MSC	20.5W	50V	50V R	3.5V	200	S	4.5DB	4.5W	3000MHZ	28V	30	2MA	40V
2SC547	NS 211	39	TOS	6.0W	65V	40V	4.0V	175	J	10.0DB	2.5W	175MHZ	28V	50	100μA	30V
2SC548	NS 211	39	TOS	6.0W	36V	18V	4.0V	175	J	10.0DB	1.0W	175MHZ	14V	60	100μA	15V
2SC549	NS 540	60	TOS	10.0W	65V	40V	4.0V	175	J	4.8DB	3.0W	400MHZ	28V	40	100μA	30V
2SC550	NS 540	60	TOS	10.0W	36V	18V	4.0V	175	J	6.0DB	4.0W	175MHZ	14V	70	100μA	15V
2SC551	NS 540	60	TOS	20.0W	65V	40V	4.0V	175	J	5.9DB	13.5W	175MHZ	28V	70	250μA	30V
2SC552	NS 540	60	TOS	20.0W	36V	18V	4.0V	175	J	4.8DB	12.0W	175MHZ	14V	80	250μA	15V
2SC553	NS 540	60	TOS	20.0W	65V	40V	4.0V	175	J	.4DB	10.0W	400MHZ	28V	45	250μA	30V
2SC555	NS 211	39	TOS	4.2W	55V	30V	3.5V	175	J	10.0DB	1.0W	400MHZ	28V	45	20μA	28V
2SC1090	NS 965 C		NEC	.3W	20V	12V	3.0V	200	J	10.0DB		1000MHZ	5V		500NA	10V
3TE604	NS 960 B		KER	30.0W		96V	4.0V	200	J	9.0DB	30.0W	150MHZ	40V	50	1MA	48V
3TE609	NS 960 B		KER	60.0W	80V	60V	4.0V	200	J	9.0DB	50.0W	150MHZ	28V	65	1MA	28V
3TE610	NS 960 B		KER	87.0W	80V	60V	4.0V	200	J	8.8DB	100.0W	150MHZ	40V	50	1MA	28V
3TE611	NS 960 B		KER	87.0W	60V	30V	4.0V	200	J	7.0DB	75.0W	150MHZ	28V	50	5MA	28V
3TX601	NS 964 G		KER	7.0W	36V	18V	4.0V	200	J	9.0DB	4.0W	175MHZ	14V	60	1MA	18V
3TX602	NS 964 G		KER	20.0W	36V	18V	4.0V	200	J	6.4DB	13.0W	175MHZ	14V	60	1MA	18V
3TX632	NS 964 G		KER	15.0W	60V	30V	3.5V	200	J	6.0DB	5.0W	470MHZ	28V	50	2MA	28V
3TX820	NS 964 H		KER	4.0W	36V	18V	3.5V	200	J	5.0DB	1.0W	470MHZ	13V	50	100μA	30V
3TX821	NS 964 H		KER	7.0W	36V	18V	3.5V	200	J	4.0DB	2.0W	470MHZ	13V	60	100μA	30V
40082	NS 211	39	RCA	5.0W		60V X	2.5V	200	J	9.3DB	3.0W	27MHZ	12V		10μA	15V
40279	NS 540	60	RCA	11.6W	65V	40V	4.0V	200	J	8.8DB	7.5W	100MHZ	28V	65	100NA	30V
40280	NS 211	39	RCA	7.0W	36V	18V	4.0V	200	J	9.0DB	1.0W	175MHZ	14V	60	100μA	15V
40281	NS 543	60	RCA	11.6W	36V	18V	4.0V	200	J	6.0DB	4.0W	175MHZ	14V	70	100μA	15V
40282	NS 543	60	RCA	23.2W	36V	18V	4.0V	200	J	4.8DB	12.0W	175MHZ	14V	80	250μA	15V
40290	NS 211	39	RCA	7.0W		50V X	4.0V	200	J	6.0DB	2.0W	135MHZ	13V	70	100μA	15V
40291	NS 540	60	RCA	11.6W		50V X	4.0V	200	J	6.0DB	2.0W	135MHZ	13V	70	100μA	15V
40292	NS 540	60	RCA	23.2W		50V X	4.0V	200	J	4.8DB	6.0W	135MHZ	13V	70	250μA	15V
40305	NS 211	39	RCA	7.0W	65V	40V	4.0V	200	J	10.0DB	2.5W	175MHZ	28V	50	100NA	30V
40306	NS 540	60	RCA	11.6W	65V	40V	4.0V	200	J	8.8DB	7.5W	100MHZ	28V	65	100NA	30V
40307	NS 540	60	RCA	23.0W	65V	40V	4.0V	200	J	5.8DB	13.5W	175MHZ	28V	70	250NA	30V
40340	NS 543	60	RCA	70.0W	60V	25V	4.0V	200	J	7.0DB	25.0W	50MHZ	14V	60	10MA	50V
40341	NS 543	60	RCA	70.0W	70V	35V	4.0V	200	J	10.0DB	30.0W	50MHZ	24V	60	10MA	40V
40446	NS 211	39	RCA	10.0W		60V X	2.5V	200	J	9.3DB	3.0W	27MHZ	12V		10μA	15V
40577	NS 211	5	RCA	3.0W		85V X	4.0V	200	J	10.0DB	1.0W	50MHZ	28V		10NA	30V
40578	NS 211	39	RCA	5.0W	55V	30V	3.5V	200	J	15.6DB	1.8W	100MHZ	28V	60	100NA	28V
40581	NS 635 B		RCA	5.0W		60V X	2.5V	200	J	10.0DB	3.5W	27MHZ	12V		10μA	15V
40582	NS 635 B		RCA	10.0W		60V X	2.5V	200	J	10.0DB	3.5W	27MHZ	12V		10μA	15V
40605	NS 211	39	RCA	7.0W	65V	40V	4.0V	200	J	13.7DB	2.5W	175MHZ	28V	50	100NA	30V
40637A	NS 211	18	RCA	2.0W		36V S	3.5V	200	J		.1W		12V	18		
40665	NS 543	60	RCA	23.0W	65V	40V	4.0V	200	J	8.6DB	13.5W	175MHZ	28V	70	250μA	30V
40666	NS 543	60	RCA	11.6W	65V	40V	4.0V	200	J	13.7DB	7.5W	100MHZ	28V	65	100μA	30V
40953	NS 211	39	RCA	3.5W		14V	3.5V	200	J	13.0DB	2.0W	156MHZ	12V	50	1MA	12V
40954	NS 964 K		RCA	25.0W		14V	3.5V	200	J	7.0DB	10.0W	156MHZ	12V	60	10MA	12V
40955	NS 964 K		RCA	35.7W		14V	3.5V	200	J	4.5DB	25.0W	156MHZ	12V	60	10MA	12V
40967	NS 964 K		RCA	5.7W	36V	14V	3.5V	200	J		2.0W	470MHZ	15V	60	1MA	12V
40968	NS 964 K		RCA	10.7W	36V	14V	3.5V	200	J		6.0W	470MHZ	15V	60	5MA	12V
40970	NS 975 A		RCA	53.5W	36V	14V	3.5V	200	J	4.7DB	30.0W		13V	60		
40971	NS 975 A		RCA	80.0W	36V	14V	3.5V	200	J	4.7DB	45.0W		13V	55		
40972	NS 211	39	RCA	3.5W		14V	3.5V	200	J	12.4DB	1.7W	175MHZ	12V	50	1MA	12V
40973	NS 964 K		RCA	25.0W		14V	3.5V	200	J	7.5DB	10.0W	175MHZ	12V	60	10MA	12V
40974	NS 964 K		RCA	35.7W		14V	3.5V	200	J	4.5DB	25.0W	175MHZ	12V	60	10MA	12V
40975	NS 211	39	RCA	3.5W		30V	3.5V	200	J	10.0DB		118MHZ	12V	00	100μA	12V
40976	NS 211	39	RCA	5.0W		30V	3.5V	200	J	10.0DB	.5W	118MHZ	12V	00	1MA	12V
40977	NS 964 K		RCA	25.0W		30V	3.5V	200	J	10.8DB	6.0W	118MHZ	12V	55	10MA	12V
41008	NS 964 M		RCA	.5W	36V	14V	3.5V	200	J		.5W	470MHZ	9V	60	500μA	9V
41009	NS 964 M		RCA	2.0W	36V	14V	3.5V	200	J		2.0W	470MHZ	9V	60	1MA	9V
41010	NS 964 H		RCA	5.0W	36V	14V	3.5V	200	J		5.0W	470MHZ	9V	60	5MA	9V
41024	NS 211	39	RCA	3.5W	55V	24V	3.0V	200	J		1.0W	1200MHZ	28V	35		
41025	NS 964 H		RCA	7.1W	50V	50V R	3.5V	200	J	7.0DB	3.0W	1000MHZ	28V	50	2MA	45V
41026	NS 964 H		RCA	21.0W	50V	50V R	3.5V	200	J	6.0DB	10.0W	1000MHZ	28V	50	2MA	45V
41027	NS 964 H		RCA	7.1W	45V	45V R	3.5V	200	J	6.0DB	3.0W	1000MHZ	22V	50	2MA	40V
41028	NS 964 H		RCA	21.0W	45V	45V R	3.5V	200	J	5.5DB	10.0W	1000MHZ	22V	50	2MA	40V
41038	NS 211	46	RCA	3.1W	45V	21V	3.5V	200	J		.8W		20V	20		

RF POWER TRANSISTORS

Transistor Type No.	Description	JEDEC (TO)	Manufacturers	ABSOLUTE MAXIMUMS						RF OPERATION				η (%)	Cutoff
				Power	V_{CB}	V_{CE}	V_{EB}	Temp. °K(°C)	COND	G_{PE}	P_{OUT}	Freq.	V_{CC}		I_{CBO} @ V_{CB}
41039	NS 211	39	RCA	2.5W	40V	25V	3.5V	200	J	15.0DB		1800MHZ	18V	00	100µA 18V
41042	NS 964 K		RCA	90.0W	65V	30V	4.0V	200	J		20.0W	136MHZ	13V	50	10MA 13V
41044	NS 968 B		RCA	5.0W	40V		3.5V	200	J		.4W	4360MHZ	20V	15	500µA 20V
BLW17	NS 962	131	FER	5.5W	36V	18V	4.0V	200	S		2.2W	900MHZ	12V	70	
BLW39	NS 962	131	FER	5.5W	50V	28V	3.5V	200	J		2.2W	900MHZ	12V	70	
BLX89	NS 211	39	FER	3.5W	50V	28V	4.0V	200	S		1.7W	900MHZ	12V	60	
BLY38	NS 962	117	FER	5.5W	36V	18V	4.0V	200	J		1.8W	800MHZ	13V	70	
BLY39	NS 959	129	FER	18.0W	60V	35V	4.0V	150	J		7.0W	800MHZ	28V	60	
BLY53B	NS 959	129	FER	18.0W	36V	18V	4.0V	150	J		8.3W	800MHZ	13V	65	
BLY61	NS 211	39	TIL	3.5W	36V	18V	4.0V			10.0DB	1.0W	700MHZ	13V	50	
BLY62	NS 962	117	TIL	11.0W	36V	18V	4.0V			7.0DB	5.0W	500MHZ	13V	60	
BLY63	NS 962	117	TIL	17.5W	36V	18V	4.0V			4.8DB	15.0W	500MHZ	13V	70	
MM1549	NS 962 A		MOT	7.5W	60V	35V	4.0V	200	J	6.2DB	2.5W	400MHZ	28V	50	100µA 30V
MM1550	NS 962 A		MOT	15.0W	60V	35V	4.0V	200	J	5.7DB	7.5W	400MHZ	28V	50	1MA 30V
MM1551	NS 964 C		MOT	30.0W	60V	35V	4.0V	200	J	4.6DB	20.0W	400MHZ	28V	50	1MA 30V
MM1557	NS 962 A		MOT	15.0W	65V	35V	4.0V	200	J	8.4DB	7.0W	175MHZ	28V	60	1MA 30V
MM1558	NS 962 A		MOT	30.0W	65V	35V	4.0V	200	J	8.2DB	20.0W	175MHZ	28V	60	1MA 30V
MM1559	NS 964 C		MOT	60.0W	65V	35V	4.0V	200	J	7.6DB	40.0W	175MHZ	28V	60	1MA 30V
MM1603	NS 964 C		MOT	70.0W	36V	18V	4.0V	200	J	4.4DB	25.0W	175MHZ	14V	50	1MA 15V
MM1619	NS 964 C		MOT	50.0W	48V	24V	4.0V	200	J	9.1DB	25.0W	50MHZ	13V	50	1MA 15V
MM1620	NS 964 D		MOT	100.0W	48V	24V	4.0V	200	J	8.2DB	40.0W	50MHZ	13V	50	1MA 15V
MM4018	PS 210	39	MOT	5.0W	40V	20V	4.0V	200	J	10.0DB	.5W	175MHZ	13V	45	10µA 15V
MM4019	PS 210	39	MOT	5.0W	60V	40V	4.0V	200	J	6.0DB	2.0W	400MHZ	28V	50	100µA 30V
MM4020	PS 964 E		MOT	25.0W	36V	18V	4.0V	150	J	11.5DB	3.5W	175MHZ	13V	50	50µA 15V
MM4021	PS 964 E		MOT	29.0W	36V	18V	4.0V	150	J	7.0DB	15.0W	175MHZ	13V	55	100µA 15V
MM4022	PS 964 E		MOT	70.0W	36V	18V	4.0V	150	J	5.5DB	25.0W	175MHZ	13V	60	250µA 15V
MM4023	PS 964 E		MOT	87.0W	36V	18V	4.0V	150	J	4.5DB	40.0W	175MHZ	13V	50	500µA 15V
MM4429	NS 964 C		MOT	5.0W	55V	35V	3.5V	200	J	5.2DB	1.0W	1000MHZ	28V		
MM4430	NS 964 C		MOT	5.0W	55V	35V	3.5V	200	J	5.0DB	2.5W	1000MHZ	28V		
MM8012	NS 962 E		MOT	5.0W	40V	30V	3.5V	200	J	11.4DB		200MHZ	15V		100µA 28V
MSA7505	NS 543	60	FSC	25.0W		65V S	4.0V	200	J	5.6DB	10.0W	400MHZ	28V	60	5MA 65V
MSA8503	NS 964 E		FSC	80.0W		65V S	4.0V	200	C	8.5DB	50.0W	175MHZ	28V	65	
MSA8505	NS 543	60	FSC	21.0W		65V S	4.0V	200	J	4.6DB	10.0W	400MHZ	28V	60	5MA 65V
MSA8506	NS 964 B		FSC	50.0W		36V S	4.0V	200	J	5.0DB	25.0W	175MHZ	12V	65	
MSA8507	NS 964 E		FSC	22.0W		36V S	4.0V	200	C	5.4DB	12.0W	175MHZ	12V	65	1MA 12V
MSA8508	NS 964 E		FSC	12.0W		36V S	4.0V	200	C	8.7DB	3.0W	175MHZ	12V	65	500µA 12V
MT5763	NS 964 J		FSC	3.0W	55V	30V	3.5V	175	J	8.0DB	1.6W	1000MHZ	28V	55	
MT5764	NS 964 J		FSC	5.0W	55V	30V	3.5V	175	J	7.0DB	3.7W	1000MHZ	28V	55	
MT5765	NS 964 J		FSC	9.0W	55V	30V	3.5V	175	J	7.5DB	7.0W	1000MHZ	28V	50	
RCA2001	NS 968 A		RCA	5.0W	50V		3.5V	200	J	7.0DB	1.0W	2000MHZ	28V	30	500µA 28V
RCA2003	NS 968 A		RCA	8.3W	50V	50V R	3.5V	200	J	8.0DB	2.5W	2000MHZ	28V	30	500µA 28V
RCA2005	NS 968 A		RCA	16.7W	50V	50V R	3.5V	200	J	7.0DB	5.0W	2000MHZ	28V	30	500µA 28V
RCA2010	NS 968 A		RCA	21.0W	50V	50V R	3.5V	200	J	5.0DB	10.0W	2000MHZ	28V	33	500µA 28V
RCA2310	NS 968 A		RCA	41.7W	45V		3.5V	200	J	8.2DB	10.0W	2300MHZ	24V	30	500µA 28V
RCA3001	NS 968 A		RCA	5.0W	50V		3.5V	200	J	7.0DB	1.0W	3000MHZ	28V	30	500µA 28V
RCA3003	NS 968 A		RCA	8.3W	50V		3.5V	200	J	5.0DB	2.5W	3000MHZ	28V	30	500µA 28V
RCA3005	NS 968 A		RCA	14.7W	50V		3.5V	200	J	5.0DB	4.5W	3000MHZ	28V	30	500µA 28V
SRF1001	NS 211	5	SOL		55V	30V	3.5V			8.8DB	1.5W	175MHZ	12V	00	
SRF1002	NS 211	5	SOL		60V	40V	4.0V			7.0DB	1.0W	400MHZ	28V	00	
SRF11101	NS 211	5	SOL		65V	40V	4.0V			10.0DB	2.5W	175MHZ	28V	00	
SRF12101	NS 540	60	SOL		65V	40V	4.0V			4.8DB	6.0W	400MHZ	28V	00	
SRF12212	NS 540	60	SOL		40V	20V	4.0V			8.5DB	7.0W	175MHZ	13V		
SRF12213	NS 540	60	SOL		40V	20V	4.0V			6.2DB	7.5W	175MHZ	14V	00	
SRF13113	NS 905 B		SOL		60V	40V	4.0V			9.0DB	10.0W	175MHZ	28V	00	
SRF13122	NS 905 B		SOL		65V	40V	4.0V			3.7DB	3.5W	400MHZ	28V	00	
SRF13123	NS 905 B		SOL		60V	40V	4.0V			6.3DB	6.5W	400MHZ	28V	00	
SRF13212	NS 905 B		SOL		40V	20V	3.0V			7.4DB	12.0W	175MHZ	14V	00	
SRF13213	NS 905 B		SOL		30V	18V	3.0V			6.4DB	7.0W	175MHZ	14V	00	
SRF21140	NS 540	60	SOL		40V	20V	3.0V			11.0DB	1.3W	200MHZ	28V	00	
SRF23121	NS 905 B		SOL		60V	35V	4.0V			8.7DB	1.1W	400MHZ	28V	00	
SRF23211	NS 905 B		SOL		35V	20V	4.0V			9.2DB	1.0W	175MHZ	14V	00	
SRF32214	NS 540	60	SOL		40V	20V	4.0V			7.0DB	15.0W	175MHZ	13V		
SRF52101	NS 540	60	SOL		65V	40V	4.0V			7.0DB	15.0W	175MHZ	28V	00	
SRF52214	NS 540	60	SOL		30V	18V	3.0V			6.2DB	13.2W	175MHZ	12V	00	
SRF53104	NS 905 B		SOL		70V	35V	3.5V			10.0DB	10.0W	175MHZ	28V	00	
SRF53114	NS 905 B		SOL		60V	40V	4.0V			7.6DB	20.0W	175MHZ	28V	00	
SRF53215	NS 905 B		SOL		30V	18V	3.0V			6.0DB	20.0W	175MHZ	14V	00	
SRF54215	NS 964 D		SOL		30V	18V	3.0V			6.0DB	20.0W	175MHZ	14V	00	
V575	NS 967 B		NEC	7.5W	40V	20V	3.0V	175	J	3.0DB	1.3W	2300MHZ	18V		100µA 20V
V643	NS 967 B		NEC	3.8W	40V	20V	3.0V	175	J	4.5DB	.7W	2300MHZ	18V		50µA 20V
XB401	NS 211	39	TIL	7.0W	60V	40V	4.0V			7.9DB	2.5W	350MHZ	28V	50	
XB404	NS 543	60	TIL	23.0W	60V	40V	4.0V			7.0DB	10.0W	350MHZ	28V	70	
XB408	NS 543	60	TIL	30.0W	65V	40V	4.0V			4.4DB	25.0W	350MHZ	28V	65	
XB433	NS 961	131	TIL	7.0W	36V	18V	4.0V			7.0DB	.5W	900MHZ	13V	45	
XB434	NS 962	117	TIL	3.0W	36V	18V	4.0V			5.7DB	1.5W	900MHZ	13V	70	
XB435	NS 962	117	TIL	8.0W	36V	18V	4.0V			6.0DB	2.0W	900MHZ	13V	70	
XB436	NS 962	117	TIL	11.0W	36V	18V	4.0V			5.5DB	7.0W	900MHZ	13V	85	
XB437	NS 962	117	TIL	20.0W	36V	18V	4.0V			4.8DB	12.0W	900MHZ	13V	85	
XB473	NS 961	131	TIL	3.0W	55V	30V	4.0V			8.8DB	.8W	900MHZ	28V	45	
XB474	NS 962	117	TIL	3.0W	55V	30V	4.0V			5.7DB	1.5W	900MHZ	28V	60	
XB475	NS 962	117	TIL	11.0W	60V	30V	4.0V			5.2DB	5.0W	900MHZ	28V	70	
XB476	NS 962	117	TIL	25.0W	60V	30V	4.0V			4.8DB	15.0W	900MHZ	28V	70	
ZT5589	NS 962	117	FER	7.0W	36V	18V	4.0V	200	J		3.0W	1500MHZ	13V	70	1MA 18V
ZT5590	NS 962	117	FER	20.0W	36V	18V	4.0V	200	J		10.0W	1400MHZ	13V	70	1MA 18V
ZT5591	NS 962	128	FER	40.0W	40V	18V	4.0V	200	J		25.0W	370MHZ	13V	70	1MA 18V

REGISTERED TRANSISTOR OUTLINES

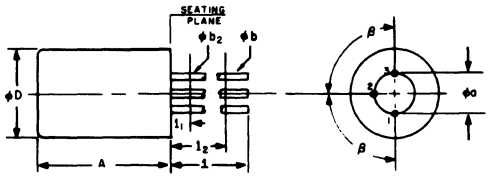
Registered Transistor Outlines

The outlines in this section have been registered and assigned a JEDEC outline number—a TO designation that indicates the semiconductor device has more than two terminals. (Two-terminal devices are assigned DO numbers.) The TO outline provides only the physical shape and dimensions of a semiconductor device. It does not indicate any electrical characteristics, such as base, emitter, collector. Terminal identification for transistors in this manual is to be found in the Lead and Terminal Identification section. For additional information relating to outline drawings, refer to Transistor Outlines.

The gaps in the numerical sequence of TO numbers are due to the fact that there are no outlines for TO-4, TO-19, TO-20, TO-21, TO-34, and TO-35.

The TO outline drawings and the related information in this section are reproduced through the courtesy of the Electronic Industries Association (EIA) and the Joint Electron Device Engineering Council (JEDEC).

TO 1



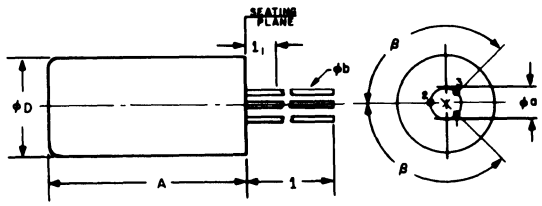
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
øa	.061	.081	1.55	2.06	
A		.410		10.41	
øb		.021		.533	1
øb2	.016	.019	.406	.483	1
øD		.240		6.10	
1	1.500		38.10		1
l1		.050		1.27	
l2	.250		6.35		1
β	90° NOMINAL				

NOTES:

1. (THREE LEADS) øb2 APPLIES BETWEEN l1 AND l2. øb APPLIES BETWEEN l2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 2



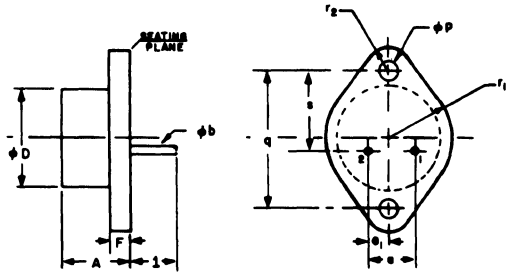
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
øa	.028	.035	.711	.889	
A		.255		6.48	
øb	.012	.014	.305	.356	2
øD		.135		3.43	
1	1.500		38.10		2
l1		.080		2.03	1, 2
β	120° NOMINAL				

NOTES:

1. INSULATION RUNDOWN.
2. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 3



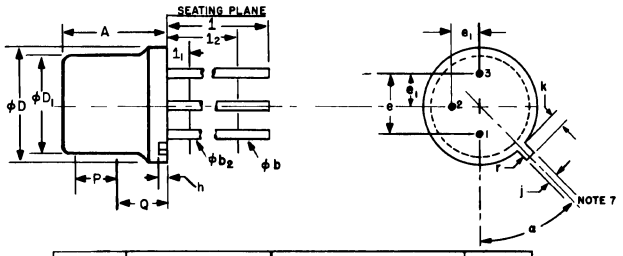
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.250	.450	6.35	11.43	
øb	.038	.043	.97	1.09	2
øD		.875		22.23	
e	.420	.440	10.67	11.18	
e1	.205	.225	5.21	5.72	
F		.135		3.43	
1	.312		7.92		2
øp	.151	.161	3.84	4.09	
q	1.177	1.197	29.90	30.40	
r1		.525		13.34	
r2		.188		4.78	
s	.655	.675	16.64	17.15	1

NOTES:

1. THESE DIMENSIONS SHOULD BE MEASURED AT POINTS .050" (1.27 MM) TO .055" (1.40 MM) BELOW SEATING PLANE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
2. TWO LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION

TO 5

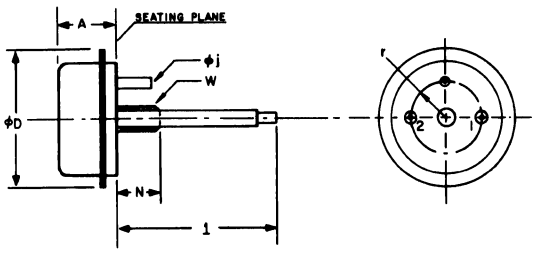


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.335	.370	8.51	9.40	
ϕD_1	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4, 5
e_1	.100 T.P.		2.54 T.P.		5
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	5
k	.029	.045	.737	1.14	3, 5
l	1.500		38.10		2
l_1		.050		1.27	2
l_2	.250		6.35		2
P	.100		2.54		1
Q					6
r		.007		.179	
α	45° T.P.				5, 7

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

TO 6



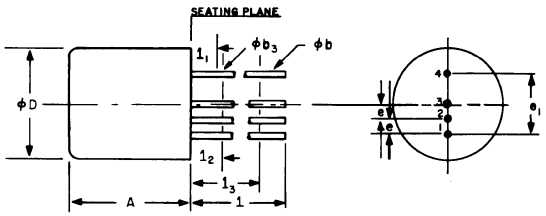
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.625		15.88	
ϕD		1.188		30.18	
l	1.625		41.28		
ϕj	.120 NOMINAL		3.05 NOMINAL		1
N	.438 NOMINAL		11.13 NOMINAL		
r	.345 NOMINAL		8.76 NOMINAL		
W					2

NOTES:

1. INSULATED LOCATOR PIN.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 7



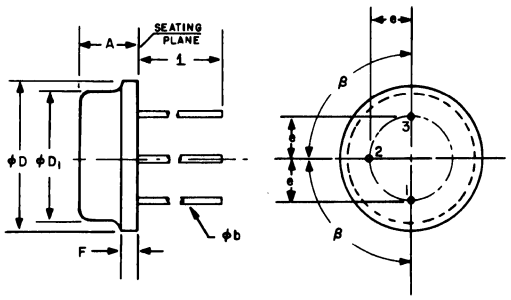
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.375		9.53	
ϕb	.016	.021	.406	.533	2
ϕb_3	.016	.019	.406	.483	2
ϕD		.360		9.14	
e	.041	.055	1.04	1.40	
e_1	.185	.199	4.70	5.05	
l	1.500		38.10		
l_1		.050		1.27	2
l_2		.080		2.03	1, 2
l_3	.250		6.35		2

NOTES:

1. EXTERNALLY COATED DEVICES SHALL NOT HAVE COATING ON THE LEADS BEYOND THIS ZONE.
2. (FOUR LEADS) ϕb_3 APPLIES BETWEEN l_1 AND l_3. ϕb APPLIES BETWEEN l_3 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR

TO 8



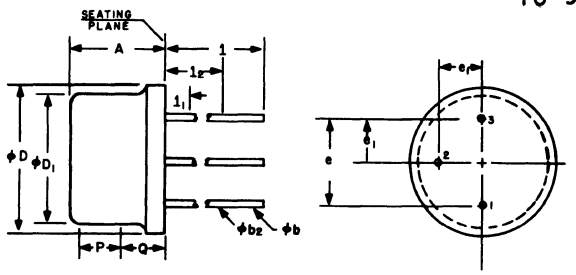
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.270	.330	6.86	8.38	
ϕb	.027	.033	.686	.838	1
ϕD	.550	.650	13.97	16.51	
ϕD_1	.444	.524	11.28	13.31	
e	.136	.146	3.45	3.71	
F		.115		2.92	
l	.360	.440	9.14	11.18	1
β	90° NOMINAL				

NOTES:

1. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION

TO 9

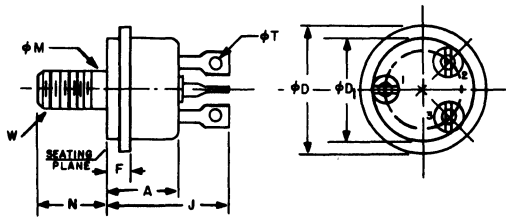


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.200	.260	5.08	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.290	.370	7.37	9.40	
ϕD_1	.275	.335	6.99	8.51	
e	.200 T.P.		5.08 T.P.		3
e_1	.100 T.P.		2.54 T.P.		
l	.500		12.70		
l_1		.050		1.27	
l_2	.250		6.35		
P	.065		1.65		1
Q		.155		3.94	4

NOTES:

1. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
3. LEADS HAVING A MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN A GAGING PLANE OF .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (1.78 MM) OF THEIR TRUE POSITIONS (T.P.).
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

TO 10



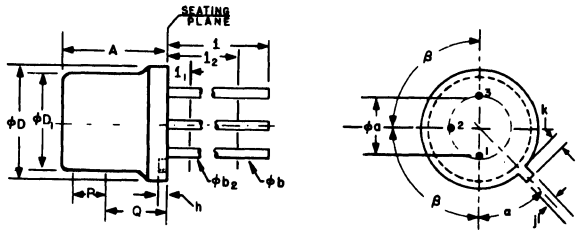
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.290	.440	7.37	11.18	
ϕD		.650		16.51	
ϕD_1	.410	.560	10.41	14.22	
F	.060	.330	1.52	8.38	
J		.650		16.51	
ϕM	.163	.189	4.14	4.80	3
N	.335	.375	8.51	9.53	
ϕT	.040		1.02		1
W					2, 3

NOTES:

1. ANGULAR ORIENTATION OF INDIVIDUAL SOLDERED TERMINALS IS UNDEFINED.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.
3. COMPLETE THREADS SHALL EXTEND TO WITHIN 2-1/2 THREADS OF THE SEATING PLANE.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 11



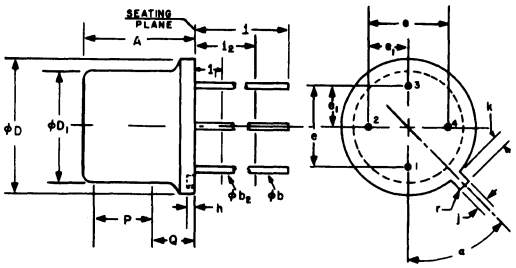
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.190	.210	4.83	5.33	
A	.360	.390	9.14	9.91	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD		.370		9.40	
ϕD_1	.305	.335	7.75	8.51	
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	
k	.029		.737		3
l	1.500		38.10		2
l_1		.050		1.27	2
l_2	.250		6.35		2
P	.200		5.08		1
Q					4
α	45° NOMINAL				
β	90° NOMINAL				

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 12

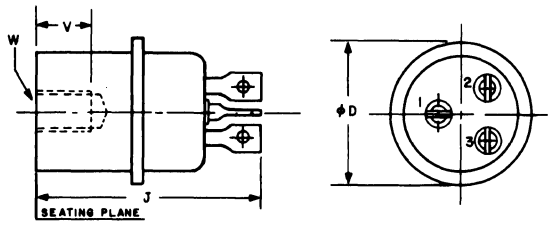


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.335	.370	8.51	9.40	
ϕD_1	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4, 5
e_1	.100 T.P.		2.54 T.P.		5
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	5
k	.029	.045	.737	1.14	3, 5
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
P	.100		2.54		1
Q					6
r		.007		.178	
α	45° T.P.				5, 7

NOTES:

1. THIS ZONE IS UNCONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (FOUR LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

TO 13



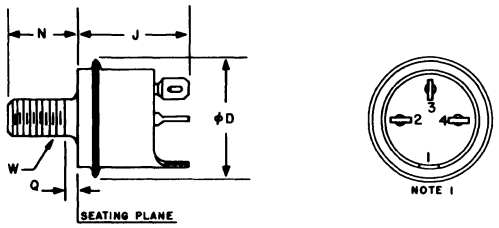
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕD		.650		16.51	
J		1.040		26.42	
V	.250		6.35		
W					1

NOTES:

1. 1/4-28 UNF-2B.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 14



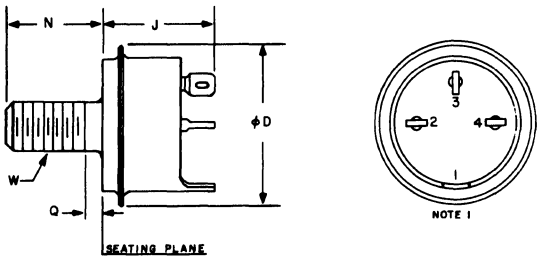
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕD		.650		16.51	
J		.650		16.51	
N	.335	.375	8.51	9.53	
Q		.080		2.03	
W					2

NOTES:

1. TERMINALS MAY BE REFERRED TO BY NUMBER AS FOLLOWS: TERMINAL NO. 1 IS THE ODD TERMINAL AND CONNECTED TO THE CASE. OTHER TERMINALS ARE NUMBERED CLOCKWISE FROM NO. 1.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 15



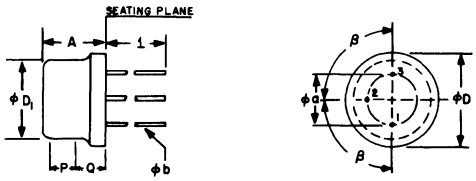
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕD		.850		21.59	
J		.650		16.51	
N	.460	.500	11.68	12.70	
Q		.100		2.54	
W					2

NOTES:

1. TERMINALS MAY BE REFERRED TO BY NUMBER AS FOLLOWS: TERMINAL NO. 1 IS THE ODD TERMINAL AND CONNECTED TO THE CASE. OTHER TERMINALS ARE NUMBERED CLOCKWISE FROM NO. 1.
2. 1/4-28 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .2268" (5.76 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION

TO 16



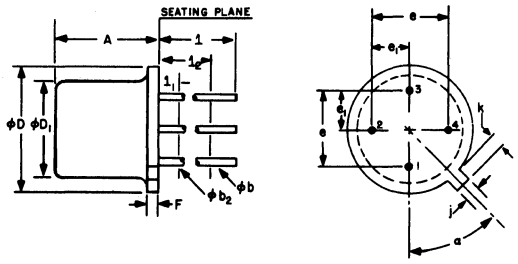
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.190	.210	4.83	5.33	
A	.200	.260	5.08	6.60	
ϕb	.016	.019	.406	.483	2
ϕD	.370 NOMINAL		9.40 NOMINAL		
ϕD_1	.275	.335	6.99	8.51	
1	.500		12.70		
P	.100		2.54		1
Q					3
β	90° NOMINAL				

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. THE SPECIFIED LEAD DIAMETER APPLIES IN THE ZONE BETWEEN .050" (1.27 MM) AND .250" (6.35 MM) FROM THE SEATING PLANE BETWEEN .250" (6.35 MM) AND .500" (12.70 MM) MAXIMUM OF .021" (.533 MM) DIAMETER IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 17

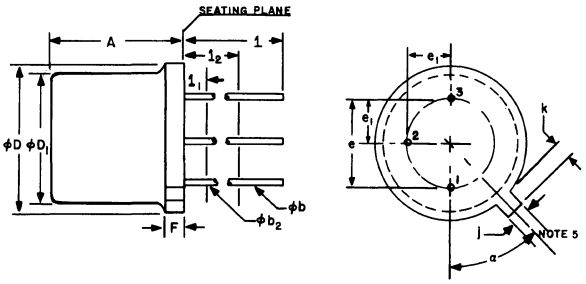


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.165	.210	4.19	5.33	
ϕb	.016	.021	.406	.533	1
ϕb_2	.016	.019	.406	.483	1
ϕD	.185	.215	4.70	5.46	
ϕD_1	.150	.168	3.81	4.27	
e	.071 T.P.		1.80 T.P.		2
e_1	.036 T.P.		.914 T.P.		
F		.030		.762	
j	.030	.045	.762	1.14	
k	.028	.048	.711	1.22	4
1	.500		12.70		1
1_1		.050		1.27	1
1_2	.250		6.35		1
α	45° T.P.				3

NOTES:

1. (FOUR LEADS) ϕb_2 APPLIES BETWEEN 1_1 AND 1_2. ϕb APPLIES BETWEEN 1_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN 1_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. LEADS HAVING MAXIMUM DIAMETERS .019" (.483 MM) MEASURED AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB AND TO THE .215" (5.46 MM) DIAMETER.
3. TAB CENTERLINE. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.

TO 18

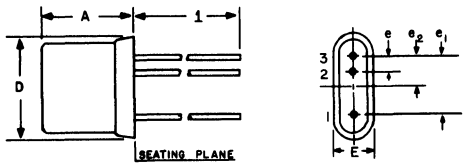


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.170	.210	4.32	5.33	
ϕb	.016	.021	.406	.533	1
ϕb_2	.016	.019	.406	.483	1
ϕD	.209	.230	5.31	5.84	
ϕD_1	.178	.195	4.52	4.95	
e	.100 T.P.		2.54 T.P.		2, 4
e_1	.050 T.P.		1.27 T.P.		2, 4
F		.030		.762	
j	.036	.046	.914	1.17	4
k	.028	.048	.711	1.22	3
1	.500		12.70		1
1_1		.050		1.27	1
1_2	.250		6.35		1
α	45° T.P.				5

NOTES:

1. (THREE LEADS) ϕb_2 APPLIES BETWEEN 1_1 AND 1_2. ϕb APPLIES BETWEEN 1_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN 1_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-2.
5. TAB CENTERLINE.

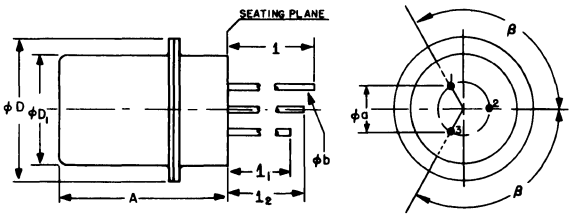
TO 22



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.320		8.13	
D		.340		8.64	
e	.041	.055	1.04	1.40	
e_1	.185	.199	4.70	5.05	
E		.190		4.83	
1	1.500		38.10		
Q	.089	.103	2.26	2.62	

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 23



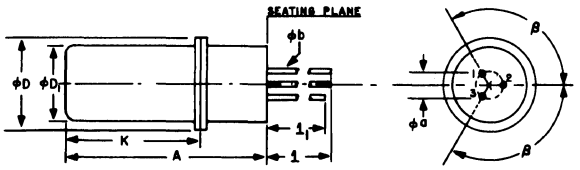
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.052 NOMINAL		1.32 NOMINAL		
A		.180		4.57	
ϕb	.013 NOMINAL		.330 NOMINAL		1
ϕD		.140		3.56	
ϕD_1		.115		2.92	
1	1.615	1.645	41.02	41.78	1
1_1	1.490	1.520	37.85	38.61	1
1_2	1.552	1.582	39.42	40.18	1
β	120° NOMINAL				

NOTES:

1. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 24



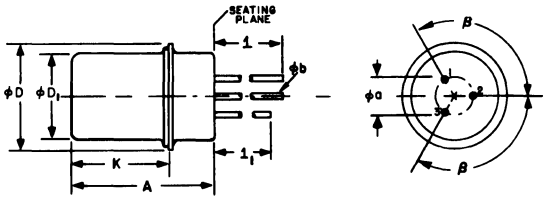
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.070 NOMINAL		1.79 NOMINAL		
A	.425	.475	10.80	12.07	
ϕb	.016 NOMINAL		.406 NOMINAL		1
ϕD	.195	.225	4.95	5.72	
ϕD_1	.161	.179	4.09	4.55	
K	.285	.315	7.24	8.00	
l	1.500	1.687	38.10	42.85	1, 2
l_1	1.450	1.637	36.83	41.58	1, 2
β	120° NOMINAL				

NOTES:

1. THREE LEADS.
2. THE MINIMUM DIFFERENCE BETWEEN l AND l_1 SHALL BE .062" (1.57 MM).

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 25



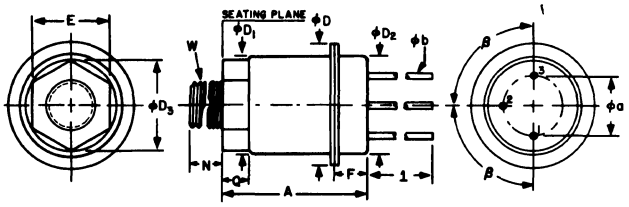
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.156 NOMINAL		3.96 NOMINAL		
A		.470		11.94	
ϕb	.020 NOMINAL		.508 NOMINAL		1
ϕD		.330		8.38	
ϕD_1		.280		7.11	
K		.295		7.49	
l	1.500		38.10		1, 2
l_1	1.438		36.53		1, 2
β	120° NOMINAL				

NOTES:

1. THREE LEADS.
2. THE MINIMUM DIFFERENCE BETWEEN l AND l_1 SHALL BE .062" (1.57 MM).

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 26



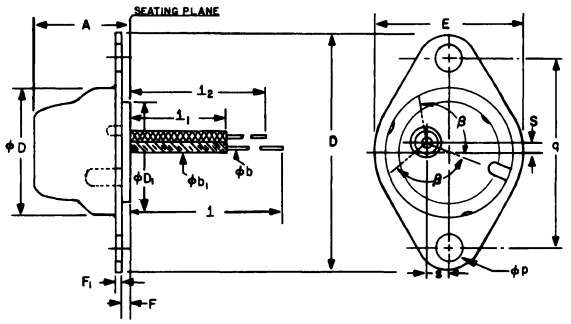
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa		.200		5.08	
A	.480	.510	12.19	12.95	
ϕb	.016	.019	.406	.482	2
ϕD	.360	.370	9.14	9.40	
ϕD_1	.295	.305	7.49	7.75	
ϕD_2	.290	.310	7.37	7.87	
ϕD_3		.289		7.34	
E		.250		6.35	
F	.110	.130	2.79	3.30	
l	1.500	1.688	38.10	42.88	2
N		.375		9.53	
Q	.105	.115	2.67	2.92	
W					1
β	90° NOMINAL				

NOTES:

1. 8-32 UNF-2A.
2. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

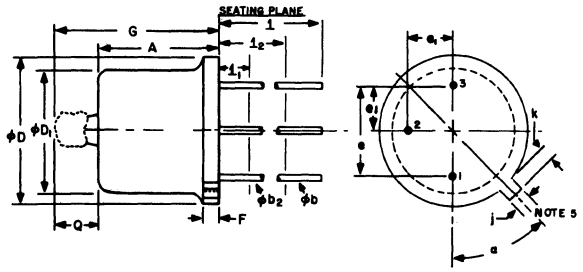
TO 27



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.510		12.95	
ϕb	.016 NOMINAL		.406 NOMINAL		
ϕb_1		.065		1.65	
ϕD		.875		22.23	
ϕD_1		.625		15.88	
D		1.625		41.28	
E		1.125		28.58	
F	.040		1.02		
F_1	.030 NOMINAL		.762 NOMINAL		
l	1.500		38.10		
l_1	.750		19.05		
l_2	1.420		36.07		
ϕp	.156 NOMINAL		3.96 NOMINAL		
q	1.187 NOMINAL		30.15 NOMINAL		
S	.049 NOMINAL		1.24 NOMINAL		
s	.135 NOMINAL		3.43 NOMINAL		
β	120° NOMINAL				

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 28

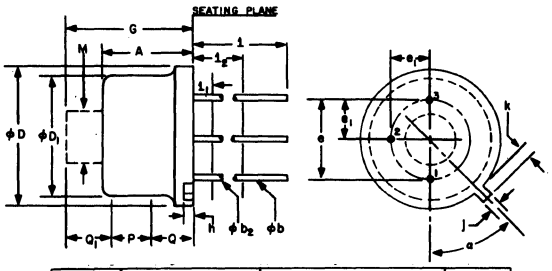


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.170	.210	4.32	5.33	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.209	.230	5.31	5.84	
ϕD_1	.178	.195	4.52	4.95	
e	.100 T.P.		2.54 T.P.		1
e_1	.050 T.P.		1.27 T.P.		1
F		.030		.762	
G		.350		8.89	
j	.036	.046	.914	1.17	1
k	.028	.048	.711	1.22	1, 3
l	1.500		38.10		2
l_1		.050		1.27	2
l_2	.250		6.35		2
Q					4
α	45° T.P.				1, 5

NOTES:

1. MAXIMUM DIAMETER LEADS MEASURED AT POINTS .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM-WIDTH TAB AND MAXIMUM DIAMETER FLANGE.
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
5. TAB CENTERLINE.

TO 29

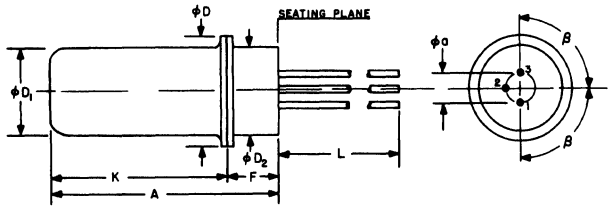


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.200	.260	5.08	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.335	.370	8.51	9.40	
ϕD_1	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
G		.360		9.14	
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	4, 5
k	.029	.045	.737	1.14	3, 4, 5
l	1.500		38.10		
l_1		.050		1.27	
l_2	.250		6.35		
M		.150		3.81	
P	.100		2.54		1
Q					6
Q_1					6
α	45° T.P.				5, 7

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

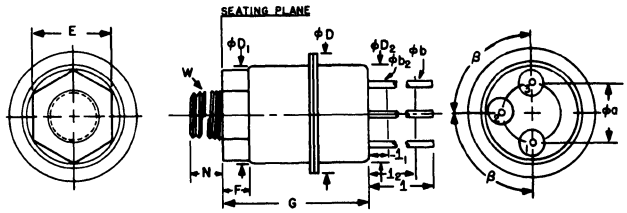
TO 30



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.065	.075	1.65	1.91	
A	.375	.425	9.53	10.80	
ϕD	.195	.225	4.95	5.72	
ϕD_1	.160	.180	4.06	4.57	
ϕD_2	.166	.176	4.22	4.47	
F	.095	.105	2.41	2.67	
K	.285	.315	7.24	8.00	
L	1.500	1.688	38.10	42.88	
β	90° NOMINAL				

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 31



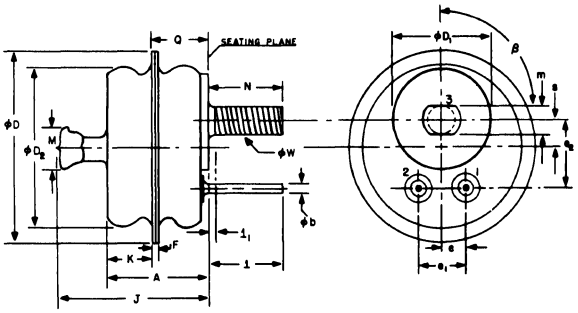
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.360	.390	9.14	9.91	
ϕa	.200 NOMINAL		5.08 NOMINAL		
ϕb		.021		.533	1
ϕb_2	.016	.019	.406	.483	1
ϕD	.360	.370	9.14	9.40	
ϕD_1	.295	.305	7.49	7.75	
ϕD_2	.290	.310	7.37	7.87	
E	.250		6.35		2
F	.105	.115	2.67	2.92	
l	1.500	1.688	38.10	42.88	
l_1		.050		1.27	
l_2	.250		6.35		
N	.375 NOMINAL		9.53 NOMINAL		
W					3
β	90° NOMINAL				

NOTES:

1. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
2. HEX FOR STANDARD 1/4" IGNITION WRENCH.
3. 8-32 UNC-2A.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 32



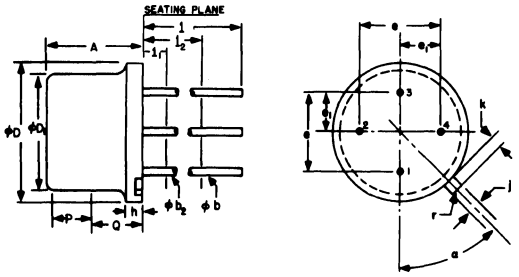
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.475		12.07	
ϕb	.029	.033	.737	.838	
ØD		.885		22.48	
$ØD_1$		.455		11.56	
$ØD_2$		.685		17.40	
e	.100 T.P.		2.54 T.P.		1
e_1	.200 T.P.		5.08 T.P.		1
e_2	.300 T.P.		7.62 T.P.		1
F	.020	.040	.508	1.02	
J		.690		17.53	
K	.165		4.19		
l	.281		7.14		
l_1		.015		.381	1, 3
M		.250		6.35	
m	.122	.125	3.10	3.18	
N		.312		7.92	
Q		.310		7.87	
s	.105 T.P.		2.67 T.P.		1
ØW					2
β	88°	92°	88°	92°	

NOTES:

1. MAXIMUM SIZE LEADS AND STUD MUST BE WITHIN .0055" (.152 MM) OF THE EXACT POSITIONS SHOWN WITH RESPECT TO THE .885" (22.48 MM) MAXIMUM DIAMETER MEASURED AT POINTS .015" (.381 MM) MAXIMUM BELOW SEATING PLANE.
2. 190-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .190" (4.83 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.
3. LEAD DIAMETER IN THIS AREA UNRESTRICTED.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 33

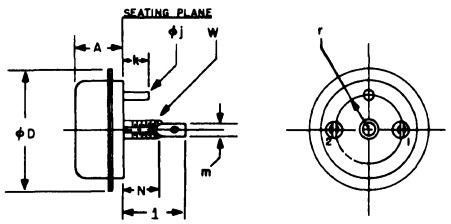


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
ϕb	.016	.021	.406	.533	2
$ϕb_2$	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4, 5
e_1	.100 T.P.		2.54 T.P.		4, 5
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	5
k	.029	.045	.737	1.14	3, 5
l	1.500		38.10		2
l_1		.050		1.27	2
l_2	.250		6.35		2
P	.100		2.54		1
Q					6
r		.007		.178	
α	45° T.P.				4, 5, 7

NOTES:

1. THIS DEVICE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (FOUR LEADS) $ϕb_2$ APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

TO 36



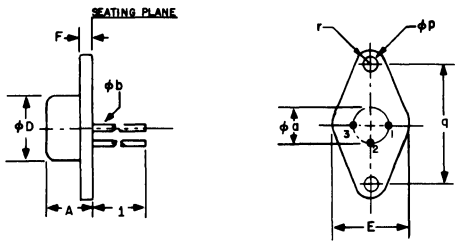
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.520		13.21	
ØD		1.250		31.75	
Øj		.140		3.56	
k		.312		7.92	1
l	.610	.710	15.49	18.03	
m		.190		4.83	
N	.375	.500	9.53	12.70	
r	.345 NOMINAL			8.76	
W					2

NOTES:

1. INSULATED LOCATOR PIN.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 37



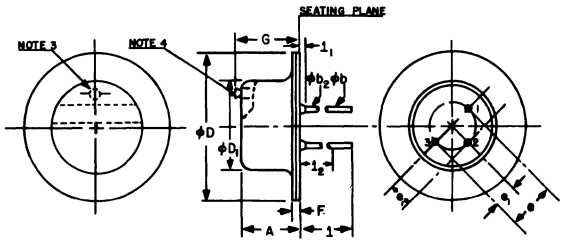
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.200 NOMINAL		5.08 NOMINAL		
A		.260		6.60	
ϕb	.016	.022	.406	.559	1
ØD		.320		8.13	
E		.390		9.91	
F		.070		1.78	
l	1.500		38.10		1
ϕp	.120	.130	3.05	3.30	3
q	.552	.572	14.02	14.53	
r		.114		2.90	2

NOTES:

1. THREE LEADS.
2. BOTH ENDS.
3. TWO MOUNTING HOLES.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 38



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.330		8.38	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.675	.725	17.15	18.42	
ϕD_1	.470	.500	11.94	12.70	
e	.200 T.P.		5.08 T.P.		1
e_1	.100 T.P.		2.54 T.P.		1
F		.045		1.14	
G		.375		9.53	
l	.625		15.88		2
l_1		.050		1.27	2
l_2	.250		6.35		2

NOTES:

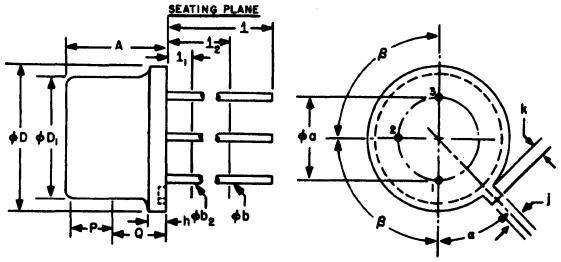
1. MAXIMUM DIAMETER LEADS MEASURED AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE SHALL BE WITHIN .010" (.254 MM) OF THEIR TRUE POSITIONS WITH RESPECT TO THE .725" (18.42 MM) DIAMETER.

   (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND .625" (15.88 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED BEYOND .625" (15.88 MM) FROM SEATING PLANE.

   ANGULAR ORIENTATION OF EDGE OPTIONAL.

   DETAILS OF OUTLINE OPTIONAL IN THIS AREA.

TO 39

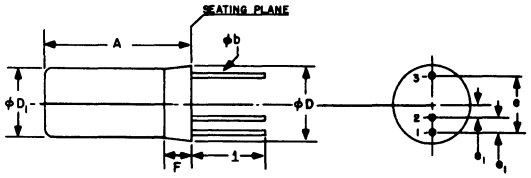


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.190	.210	4.83	5.33	
A	.240	.260	6.10	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.350	.370	8.89	9.40	
ϕD_1	.315	.335	8.00	8.51	
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	
k	.029	.040	.737	1.02	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
P	.100		2.54		1
Q					4
α	45° NOMINAL				
β	90° NOMINAL				

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

TO 40

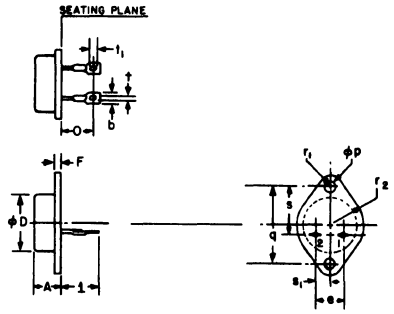


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A		.495		12.57	
ϕb	.016	.019	.406	.483	1
ϕD		.260		6.60	
ϕD_1		.240		6.10	
e	.185	.199	4.70	5.05	
e_1	.041	.055	1.04	1.40	
F		.120		3.05	
l	.172	.202	4.37	5.13	1

NOTES:

1. THREE LEADS.

TO 41



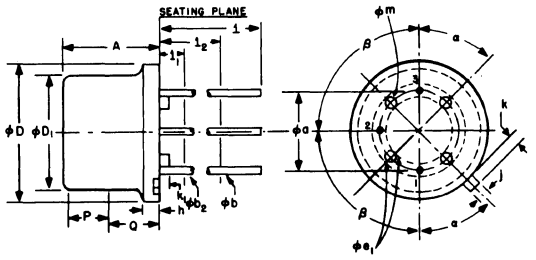
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.250	.450	6.35	11.43	
b	.125	.210	3.18	5.33	1, 2
ϕD		.875		22.23	
e	.420	.440	10.67	11.18	
F		.135		3.43	
l	.560	.680	14.23	17.27	
O	.500	.581	12.70	14.76	
ϕp	.151	.161	3.84	4.09	4
q	1.177	1.197	29.90	30.40	
r_1		.188		4.78	3
r_2		.525		13.34	
s	.655	.675	16.64	17.15	
s_1	.205	.225	5.21	5.72	1
t	.072	.120	1.83	3.05	2
t_1	.072	.170	1.83	4.32	2

NOTES:

1. THESE DIMENSIONS SHOULD BE MEASURED AT POINTS .050" (1.27 MM) TO .055" (1.40 MM) BELOW SEATING PLANE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
2. SQUARE OR RADIUS ON END OF TERMINAL AND/OR HOLE OPTIONAL.
3. AT BOTH ENDS.
4. TWO HOLES.

   THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 42



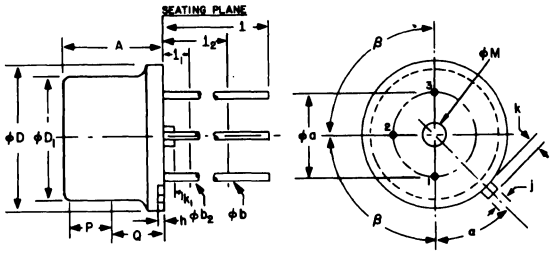
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.190	.210	4.83	5.33	
A	.200	.260	5.08	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.290	.370	7.37	9.40	
ϕD_1	.290	.335	7.37	8.51	
ϕe_1	.020	.250	.508	6.35	4
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	
k	.029		.737		3
k_1	.017	.025	.432	.635	
l	1.500		38.10		2
l_1		.050		1.27	2
l_2	.250		6.35		2
ϕm	.040 NOMINAL		1.02 NOMINAL		
P	.100		2.54		1
Q					5
α	45° NOMINAL				
β	90° NOMINAL				

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. FOUR EQUALLY SPACED FEET TO LIE WITHIN THIS ZONE. MINIMUM DISTANCE BETWEEN A LEAD AND A FOOT .031" (.788 MM).
5. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 43



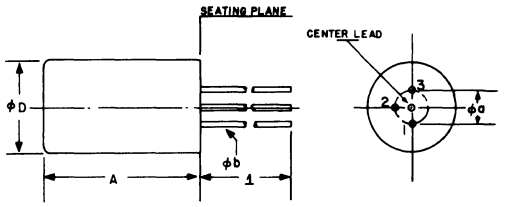
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.190	.210	4.83	5.33	
A	.200	.260	5.08	6.60	
ϕb	.016	.021	.406	.533	2
ϕb_2	.016	.019	.406	.483	2
ϕD	.290	.370	7.37	9.40	
ϕD_1	.290	.335	7.37	8.51	
h	.009	.125	.229	3.18	
j	.028	.034	.711	.864	
k	.029		.737		3
k_1	.017	.075	.432	1.91	
l	1.500		38.10		2
l_1		.050		1.27	2
l_2	.250		6.35		2
ϕM	.050	.100	1.27	2.54	
P	.100		2.54		1
Q					4
α	45° NOMINAL				
β	90° NOMINAL				

NOTES:

1. THIS ZONE CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) ϕb_2 APPLIES BETWEEN l_1 AND l_2. ϕb APPLIES BETWEEN l_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 44



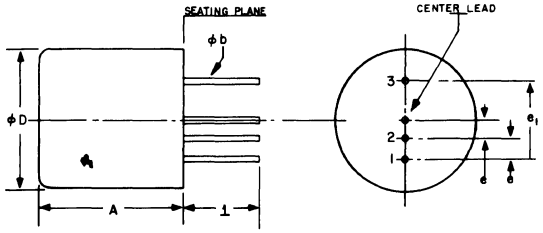
SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.064	.080	1.63	2.03	
A		.405		10.29	
ϕb	.016	.019	.406	.483	1
ϕD		.240		6.10	
l	1.500		38.10		

NOTES:

1. FOUR LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

TO 45

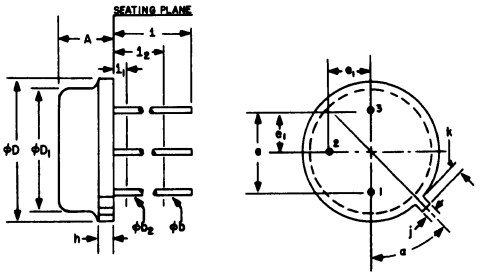


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ϕa	.185	.199	4.70	5.05	
A		.375		9.53	
ϕb	.016	.019	.406	.483	1
ϕD		.360		9.14	
e	.041	.055	1.04	1.40	
e_1	.185	.199	4.70	5.05	
l	.172	.202	4.37	5.13	1

NOTES:

1. FOUR LEADS.

TO 46

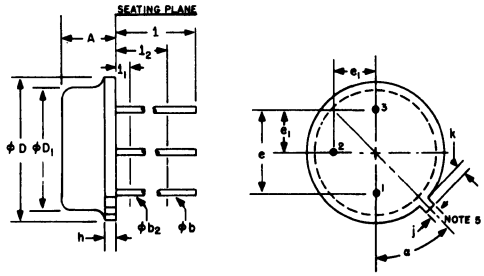


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.065	.085	1.65	2.16	
Øb	.016	.021	.406	.533	1
$Øb_2$	.012	.019	.305	.483	1
ØD	.209	.230	5.31	5.84	
$ØD_1$	.178	.195	4.52	4.95	
e	.100 T.P.		2.54 T.P.		2
e_1	.050 T.P.		1.27 T.P.		2
h		.040		1.02	
j	.036	.046	.914	1.17	
k	.028	.048	.711	1.22	4
l	.500		12.70		1
l_1		.050		1.27	1
l_2	.250		6.35		1
α	45° T.P.		45° T.P.		3, 5

NOTES:

1. (THREE LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW SEATING PLANE TO BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO MAXIMUM-WIDTH TAB AND TO THE MAXIMUM .230" (5.84 MM) DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
3. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
5. TAB CENTERLINE.

TO 47

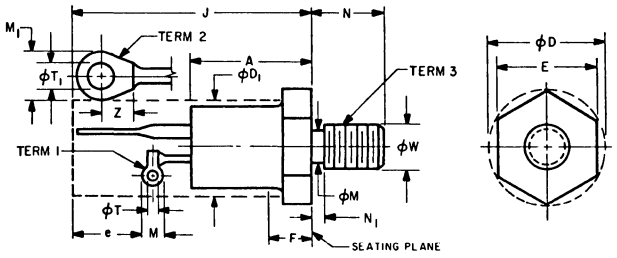


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.065	.085	1.65	2.16	
Øb	.016	.021	.406	.533	1
$Øb_2$	.012	.019	.305	.483	1
ØD	.240	.270	6.10	6.86	
$ØD_1$	.220	.240	5.59	6.10	
e	.141 T.P.		3.58 T.P.		2
e_1	.071 T.P.		1.80 T.P.		2
h		.040		1.02	
j	.015	.025	.381	.635	
k	.015	.025	.381	.635	4
l	.500		12.70		1
l_1		.050		1.27	1
l_2	.250		6.35		1
α	45° T.P.		45° T.P.		3

NOTES:

1. (THREE LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE TO BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO MAXIMUM-WIDTH TAB AND TO THE MAXIMUM .270" (6.86 MM) DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN A GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
3. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
5. TAB CENTERLINE.

TO 48



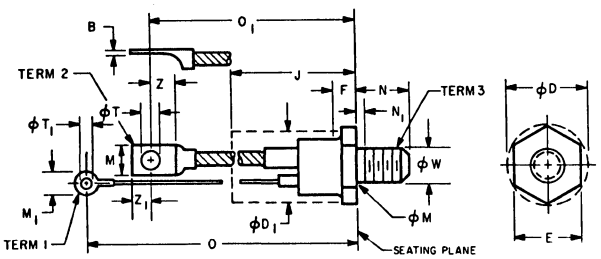
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.330	.505	8.4	12.8	-
ØD	-	.650	-	16.51	-
$ØD_1$	-	.544	-	13.81	5
e	.125	-	3.18	-	4
E	.544	.562	13.82	14.27	-
F	.113	.200	2.88	5.08	3
J	-	1.193	-	30.30	5
ØM	.220	.249	5.59	6.32	6
M	.115	.140	2.93	3.55	1
M_1	.210	.300	5.34	7.62	1
N	.422	.453	10.72	11.50	-
N_1	-	.090	-	2.28	6
ØT	.060	.075	1.53	1.90	-
$ØT_1$	.125	.165	3.18	4.19	-
ØW	.2225	.2268	5.652	5.760	2
Z	.120	-	3.05	-	7

NOTES:

1. CONTOUR & ANGULAR ORIENTATION OF THESE TERMINALS IS OPTIONAL.
2. PITCH DIAMETER OF 1/4-28 UNF-2A (COATED) THREADS (ASA B1.1-1960).
3. A CHAMFER OR UNDERCUT ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
4. MINIMUM DIFFERENCE IN TERMINAL LENGTHS TO ESTABLISH DATUM LINE FOR NUMBERING TERMINALS.
5. THE DEVICE WITH EXCEPTION OF THE HEXAGON AND THREAD LIES WITHIN THE CYLINDER DEFINED BY $ØD_1$ AND LENGTH J.
6. LENGTH OF INCOMPLETE OR UNDERCUT THREAD OF ØM.
7. MINIMUM FLAT.

TO 49



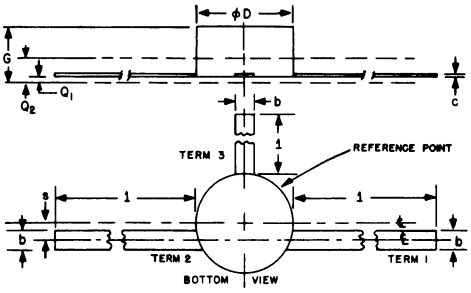
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
B	.055	.110	1.40	2.79	-
ØD	-	1.227	-	31.16	-
$ØD_1$	-	1.031	-	26.18	1
E	1.031	1.063	26.19	27.00	-
F	.170	.500	4.4	12.7	5
J	-	2.500	-	63.50	1,7
M	.437	.650	11.1	16.5	2
M_1	.215	.300	5.47	7.62	2
ØM	.425	.499	10.80	12.67	3
N	.797	.827	20.25	21.00	-
N_1	-	.125	-	3.17	3
O	6.850	7.500	174.0	190.5	-
O_1	5.775	6.265	146.7	159.1	-
ØT	.250	.310	6.35	7.87	-
$ØT_1$	.140	.150	3.56	3.81	-
ØW	.4619	.4675	11.733	11.874	4
Z	.250	-	6.35	-	6
Z_1	-	.325	-	8.25	-

NOTES:

1. THE DEVICE WITH THE EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN THE CYLINDER DEFINED BY $ØD_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGONAL PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
4. PITCH DIAMETER OF 1/2-20 UNF-2A (COATED) THREADS (ASA B1.1-1960).
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.

TO 50

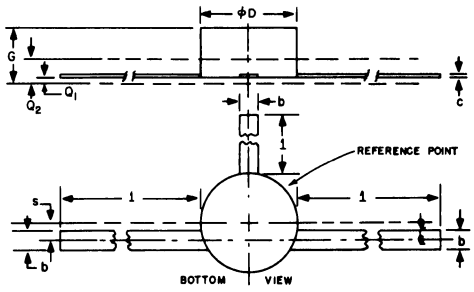


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
b	.015	.028	.381	.711	
c	.003	.005	.076	.127	
ØD	.180	.215	4.57	5.46	2
G	.040	.060	1.02	1.52	
l	.250		6.35		
Q_1		.010		.254	1
Q_2		.025		.635	1
s	.015	.035	.381	.889	1

NOTES:

1. LEADS SHALL EMERGE FROM THE ØD DIMENSION WITHIN THE LIMITS INDICATED BY THE s, Q_1 AND Q_2 DIMENSIONS.
2. MINIMUM AND MAXIMUM DIMENSIONS BOTH APPLY TO THE MAJOR (LARGEST) DIAMETER ONLY.

TO 51

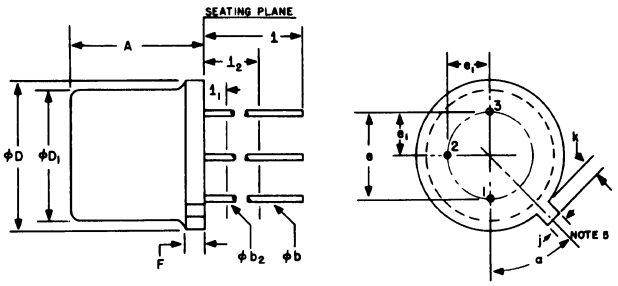


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
b	.015	.028	.381	.711	
c	.003	.005	.076	.127	
ØD	.140	.165	3.56	4.19	2
G	.040	.060	1.02	1.52	
l	.250		6.35		
Q_1		.010		.254	1
Q_2		.025		.635	1
s	.015	.035	.381	.889	1

NOTES:

1. LEADS SHALL EMERGE FROM THE ØD DIMENSION WITHIN THE LIMITS INDICATED BY THE s, Q_1, AND Q_2 DIMENSIONS.
2. MINIMUM AND MAXIMUM DIMENSIONS BOTH APPLY TO THE MAJOR (LARGEST) DIAMETER ONLY.

TO 52

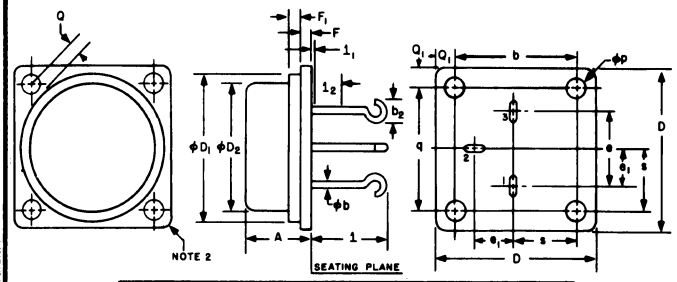


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.115	.150	2.92	3.81	
Øb		.021		.533	1
$Øb_2$	.016	.019	.406	.483	1
ØD	.209	.230	5.31	5.84	
$ØD_1$	.178	.195	4.52	4.95	
e	.100 T.P.		2.54 T.P.		2
e_1	.050 T.P.		1.27 T.P.		
F		.030		.762	
j	.036	.046	.914	1.17	
k	.028	.048	.711	1.22	3
l	.500		12.70		1
l_1		.050		1.27	1
l_2	.250		6.35		
α	45° T.P.				

NOTES:

1. (THREE LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-2.
5. TAB CENTERLINE.

TO 53

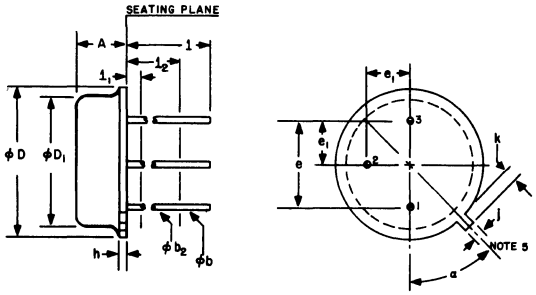


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.305	.355	7.75	9.02	
Øb	.035	.045	.889	1.14	7
b_2	.130	.150	3.30	3.81	7
D	.850	.870	21.59	22.10	
$ØD_1$	.765	.785	19.43	19.94	
$ØD_2$	.670	.680	17.02	17.27	
e	.400 T.P.		10.16 T.P.		3, 4
e_1	.200 T.P.		5.08 T.P.		3, 4
F	.040	.055	1.02	1.40	
F_1	.030	.065	.762	1.65	
l	.370	.420	9.40	10.67	7
l_1	.031		.787		1, 7
l_2	.125		3.18		5
Øp	.096	.106	2.44	2.69	8
q	.670	.690	17.02	17.53	
Q	.075		1.91		6
Q_1	.075	.105	1.91	2.67	
s	.340 T.P.		8.64 T.P.		3, 4

NOTES:

1. LEAD DIAMETER NOT CONTROLLED IN THIS AREA.
2. RADIUS AT CORNERS OF MOUNTING FLANGE OPTIONAL.
3. ANGULAR ORIENTATION OF TERMINAL ENDS AS SHOWN ± 15°.
4. LEADS HAVING MAXIMUM DIAMETER .045" (1.14 MM) MEASURED IN GAGE PLANE .031" (.787 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .010" (.254 MM) OF THEIR TRUE POSITION RELATIVE TO MINIMUM DIAMETER .096" (2.44 MM) HOLES IN THE MOUNTING FLANGE.
5. THE LEADS SHALL BE ESSENTIALLY STRAIGHT WITHIN THIS ZONE.
6. CLEARANCE FROM HOLE CENTERS TO $ØD_1$ FOR MOUNTING FASTENERS.
7. THREE LEADS.
8. FOUR HOLES.

TO 54

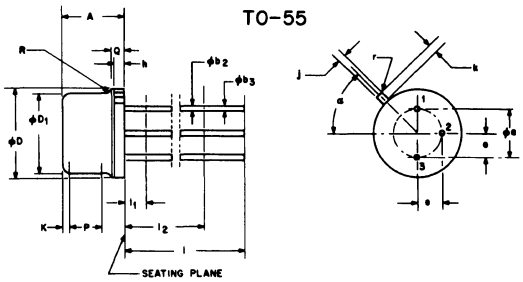


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.050	.060	1.27	1.52	
Øb	.016	.021	.406	.533	1
$Øb_2$	.016	.019	.406	.482	1
ØD	.209	.230	5.31	5.84	
$ØD_1$	.178	.195	4.52	4.95	
e	.100 T.P.		2.54 T.P.		2
e_1	.050 T.P.		1.27 T.P.		2
h		.040		1.02	
j	.036	.046	.914	1.17	
k	.028	.048	.711	1.22	4
l	.500		12.70		1
l_1		.050		1.27	1
l_2	.250		6.35		1
α	45° T.P.		45° T.P.		3

NOTES:

1. (THREE LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW SEATING PLANE TO BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION (T.P.) RELATIVE TO MAXIMUM-WIDTH TAB AND TO THE MAXIMUM .230" (5.84 MM) DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN A GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
3. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
5. TAB CENTERLINE.

TO 55



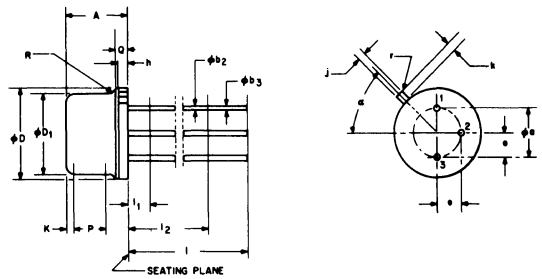
OUTLINE INTENDED FOR AUTOMATIC HANDLING

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	0.242	0.260	6.15	6.60	
ϕ a	0.200		5.08		4
ϕ b_2	0.016	0.019	0.406	0.483	2
ϕ b_3		0.021		0.53	2
ϕ D	0.358	0.370	9.09	9.40	6
ϕ D_1	0.322	0.335	8.18	8.51	7
e	0.100		2.54		
h	0.009	0.041	0.23	1.04	8
j	0.028	0.034	0.711	0.864	
K	0.010		0.25		
k	0.029	0.045	0.74	1.14	3
l	1.500	1.625	38.1	41.3	2
l_1		0.020		0.51	2
l_2	0.250		6.35		2
P	0.150		3.81		1
Q		0.050		1.27	
R		0.010		0.25	
r		0.007		0.18	
α	45°		45°		5

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED 0.010" (0.25 MM).
2. (3 LEADS) ϕ b_2 APPLIES BETWEEN l_1 AND l_2. ϕ b_3 APPLIES BETWEEN l_2 AND 1.5" FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 1.5" FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER (0.019", 0.438 MM) MEASURED IN GAGING PLANE 0.054" + 0.001" - 0.000" (1.372 MM + 0.025 MM - 0.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN 0.007" (0.178 MM) OF THEIR TRUE LOCATIONS RELATIVE TO A MAXIMUM WIDTH TAB.
5. TAB CENTERLINE.
6. CONCENTRIC TO ϕ a WITHIN 0.006" TOTAL INDICATOR READING. CAP FLANGE SHALL NEVER EXTEND BEYOND HEADER PERIPHERY. 0.005" MAX BURR OR WELD FLASH.
7. CONCENTRIC TO ϕ a WITHIN 0.006" TOTAL INDICATOR READING.
8. APPLIES TO THICKNESS OF TAB.

TO 56



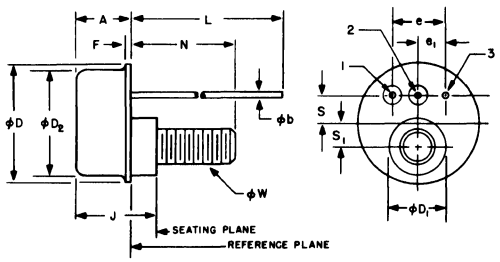
OUTLINE INTENDED FOR AUTOMATIC HANDLING

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	0.170	0.210	4.32	5.33	
ϕ a	0.100		2.54		4
ϕ b_2	0.016	0.019	0.406	0.483	2
ϕ b_3		0.021		0.53	2
ϕ D	0.209	0.230	5.31	5.84	6
ϕ D_1	0.182	0.192	4.62	4.88	7
e	0.050		1.27		
h	0.005	0.015	0.13	0.38	8
j	0.036	0.046	0.91	1.17	
K	0.010		0.25		
k	0.030	0.046	0.76	1.17	3
l	0.500	0.625	12.7	15.9	2
l_1		0.020		0.51	2
l_2	0.250		6.35		2
P	0.125		3.18		1
Q		0.023		0.58	
R		0.010		0.25	
r		0.007		0.18	
α	45°		45°		5

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED 0.010" (0.25 MM).
2. (3 LEADS) ϕ b_2 APPLIES BETWEEN l_1 AND l_2. ϕ b_3 APPLIES BETWEEN l_2 AND 0.5" FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND 0.5" FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER (0.019", 0.438 MM), MEASURED IN GAGING PLANE 0.054" + 0.001" - 0.000" (1.372 MM + 0.025 MM - 0.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN 0.007" (0.178 MM) OF THEIR TRUE LOCATIONS RELATIVE TO MAXIMUM WIDTH TAB.
5. TAB CENTERLINE.
6. CONCENTRIC TO ϕ a WITHIN 0.006" TOTAL INDICATOR READING. CAP FLANGE SHALL NEVER EXTEND BEYOND HEADER PERIPHERY. 0.005" MAX BURR OR WELD FLASH.
7. CONCENTRIC TO ϕ a WITHIN 0.006" TOTAL INDICATOR READING.
8. APPLIES TO THICKNESS OF TAB.

TO 57

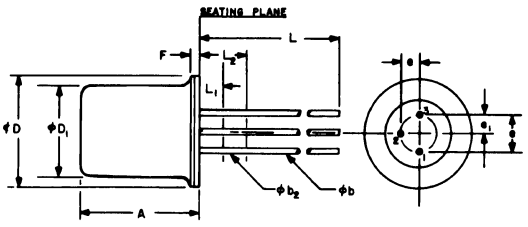


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.195	.215	4.96	5.46	
Øb	.016	.019	.407	.482	1, 4
ØD	.440	.460	11.2	11.6	
$ØD_1$	.220	.230	5.59	5.84	
$ØD_2$	.400	.420	10.2	10.7	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
F		.030		.762	
J	.278	.318	2.11	2.61	
L	1.485	1.525	37.72	38.73	1
N	.380	.410	9.66	10.4	
S	.100 T.P.		2.54 T.P.		4
S_1	.078 T.P.		1.98 T.P.		4
ØW	.1141	.1177	2.895	2.975	2, 3

NOTES:

1. (THREE LEADS), THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050" (1.27 MM) AND .250" (6.35 MM) FROM THE REFERENCE PLANE. BETWEEN .250" (6.35 MM) AND END OF LEAD, A MAXIMUM OF .021" (.533 MM) IS HELD. OUTSIDE OF THE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
2. 6-32NC-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER (.1177", 2.98 MM). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28-PART 1.
3. COMPLETE THREADS SHALL EXTEND TO WITHIN THREE THREADS OF THE SEATING PLANE AND SHALL REMAIN WITHIN TOLERANCES TO WITHIN TWO THREADS OF TIP OF STUD.
4. MAXIMUM (.019", .483 MM) DIAMETER LEADS AND MAXIMUM (.230", 5.84 MM) STUD SHOULDER TO BE WITHIN .007" (.178 MM) RADIUS OF TRUE LOCATION RELATIVE TO THE (.460", 11.68 MM) DIAMETER FLANGE AT A GAUGING PLANE .054" (1.37 MM) + .001" (.025 MM), - .000" (.000 MM), FROM THE REFERENCE PLANE.

TO 58

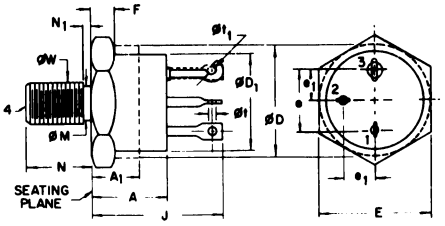


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.320	.350	8.13	8.89	
ϕb		.021		.533	1
ϕb_2	.016	.019	.406	.483	1
ϕD	.255	.275	6.48	6.99	
ϕD_1	.225	.240	5.72	6.10	
e	.100 T.P.		2.54 T.P.		2
e_1	.050 T.P.		1.27 T.P.		2
F	.010	.030	.254	.762	
L	1.500		38.10		1
L_1	.050		1.27		1
L_2		.250		6.35	1

NOTES:

1. (THREE LEADS) ϕb_2 APPLIES BETWEEN L_1 AND L_2. ϕb APPLIES BETWEEN L_2 AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN L_1.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .001" (.025 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION.

TO 59

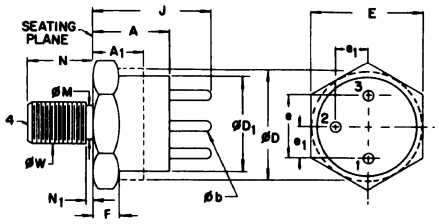


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.320	.468	8.13	11.89	
A_1		.250		6.35	2
ϕD	.380	.437	9.65	11.10	2
ϕD_1	.318	.380	8.08	9.65	
E	.424	.437	10.77	11.10	
e	.185	.215	4.70	5.46	5
e_1	.090	.110	2.29	2.79	5
F	.090	.150	2.29	3.81	1
J	.570	.763	14.48	19.38	
ϕM	.163	.189	4.14	4.80	
N	.400	.455	10.16	11.56	
N_1		.078		1.98	
ϕt	.040	.065	1.02	1.65	
ϕt_1	.045	.070	1.14	1.78	4
ϕW	.1658	.1697	4.212	4.310	3

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 10-32 UNF-2A (COATED). REFERENCE SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

TO 60

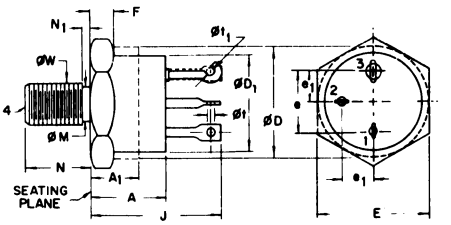


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.215	.320	5.46	8.13	
A_1		.165		4.19	2
ϕb	.030	.046	.762	1.17	
ϕD	.360	.437	9.14	11.10	2
ϕD_1	.320	.360	8.13	9.14	
E	.424	.437	10.77	11.10	
e	.185	.215	4.70	5.46	
e_1	.090	.110	2.29	2.79	
F	.090	.135	2.29	3.43	1
J	.355	.480	9.02	12.19	
ϕM	.163	.189	4.14	4.80	
N	.375	.455	9.53	11.56	
N_1		.078		1.98	
ϕW	.1658	.1697	4.212	4.310	3

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 10-32 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).

TO 61

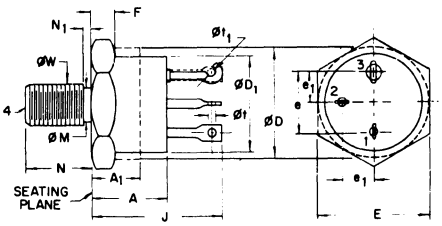


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.325	.460	8.26	11.68	
A_1		.270		6.86	2
ϕD	.610	.687	15.49	17.45	2
ϕD_1	.570	.610	14.48	15.49	
E	.667	.687	16.94	17.45	
e	.340	.415	8.64	10.54	5
e_1	.170	.213	4.32	5.41	5
F	.090	.150	2.29	3.81	1
J	.640	.875	16.26	22.23	
ϕM	.220	.249	5.59	6.32	
N	.422	.455	10.72	11.56	
N_1		.090		2.29	
ϕt	.047	.072	1.19	1.83	
ϕt_1	.046	.077	1.17	1.96	4
ϕW	.2225	.2268	5.651	5.761	3

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 1/4-28 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

TO 62

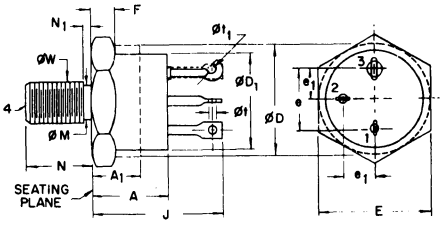


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.360	.434	9.14	11.02	
A_1		.270		6.86	2
ØD	.430	.562	10.92	14.27	2
$ØD_1$	.410	.430	10.41	10.92	
E	.544	.562	13.82	14.27	
e	.235	.265	5.97	6.73	5
e_1	.115	.135	2.92	3.43	5
F	.090	.150	2.29	3.81	1
J	.687	.737	17.45	18.72	
ØM	.163	.189	4.14	4.80	
N	.403	.498	10.24	12.65	
N_1		.078		1.98	
Øt	.042	.071	1.07	1.80	
$Øt_1$	.046	.069	1.17	1.75	4
ØW	.1658	.1697	4.211	4.310	3

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 10-32 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

TO 63

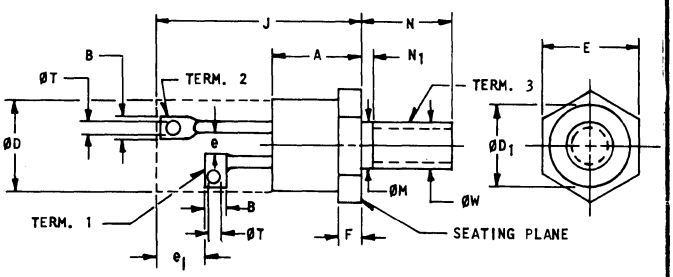


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.480	.535	12.19	13.59	
A_1		.300		7.62	2
ØD	.775	.875	19.69	22.23	2
$ØD_1$	.745	.775	18.92	19.69	
E	.855	.875	21.72	22.23	
e	.485	.515	12.32	13.08	5
e_1	.240	.260	6.10	6.60	5
F	.090	.167	2.29	4.24	1
J	.937	1.030	23.80	26.16	
ØM	.278	.312	7.06	7.92	
N	.460	.495	11.68	12.57	
N_1		.105		2.67	
Øt	.060	.105	1.52	2.67	
$Øt_1$	.060	.105	1.52	2.67	4
ØW	.2806	.2854	7.127	7.249	3

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 5/16-24 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

TO 64

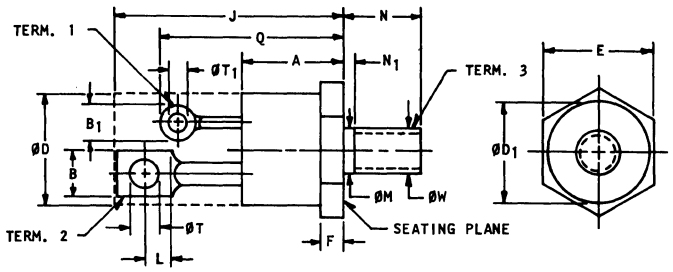


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.300	.400	7.62	10.16	
B	.080	.136	2.03	3.45	1
ØD		.424		10.77	2
$ØD_1$	.400		10.16		3, 4
E	.424	.437	10.77	11.10	
e	.013		.330		7
e_1	.060		1.52		5
F	.060	.175	1.52	4.45	4
J	.700	.855	17.78	21.72	2
ØM	.163	.189	4.14	4.80	
N	.400	.453	10.16	11.51	
N_1		.078		1.98	
ØT	.040	.075	1.02	1.91	
ØW	.1658	.1697	4.212	4.310	6

NOTES:

1. CONTOUR AND ORIENTATION OF FIXED TERMINAL LUGS ARE OPTIONAL.
2. THE OUTLINE CONTOUR (WITH EXCEPTION OF HEXAGON) IS OPTIONAL WITHIN ZONE DEFINED BY ØD AND J.
3. MINIMUM DIAMETER OF SEATING PLANE.
4. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
5. MINIMUM DIFFERENCE IN TERMINAL LENGTHS TO ESTABLISH DATUM LINE FOR NUMBERING TERMINALS.
6. PITCH DIAMETER - THREAD 10-32 NF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK 1957 H28.
7. MINIMUM SPACING BETWEEN TERMINALS.

TO 65

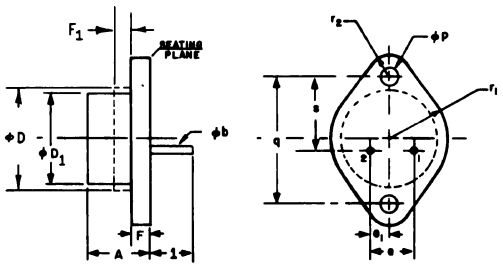


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.300	.565	7.62	14.35	
B	.200	.300	5.08	7.62	1
B_1	.100	.140	2.54	3.56	1
ØD		.667		16.94	2
$ØD_1$	.600		15.24		3, 4
E	.667	.687	16.94	17.45	
F	.113	.200	2.87	5.08	4
J	1.000	1.250	25.40	31.75	2
L	.120		3.05		6
ØM	.220	.249	5.59	6.32	
N	.422	.453	10.72	11.51	
N_1		.090		2.29	
Q	.700	.885	17.78	22.48	
ØT	.125	.165	3.18	4.19	
$ØT_1$	.055	.075	1.40	1.91	
ØW	.2225	.2268	5.652	5.760	5

NOTES:

1. CONTOUR AND ORIENTATION OF FIXED TERMINAL LUGS ARE OPTIONAL.
2. THE OUTLINE CONTOUR (WITH EXCEPTION OF HEXAGON) IS OPTIONAL WITHIN ZONE DEFINED BY ØD AND J.
3. MINIMUM DIAMETER OF SEATING PLANE.
4. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
5. PITCH DIAMETER - THREAD 1/4-28 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK 1957 H28.
6. MINIMUM FLAT.

TO 66

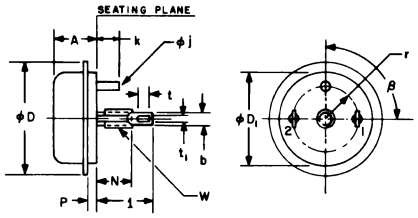


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.250	.340	6.35	8.64	
ϕb	.028	.034	.711	.863	
ØD		.620		15.75	
$ØD_1$	.470	.500	11.94	12.70	
e	.190	.210	4.83	5.33	
e_1	.093	.107	2.36	2.72	
F	.050	.075	1.27	1.91	2
F_1		.050		1.27	1
l	.360		9.14		
ϕp	.142	.152	3.61	3.86	
q	.958	.962	24.33	24.43	
r_1		.350		8.89	
r_2		.145		3.68	
s	.570	.590	14.48	14.99	

NOTES:

1. THE OUTLINE CONTOUR IS OPTIONAL WITHIN ZONE DEFINED BY ØD AND F_1.
2. DIMENSION DOES NOT INCLUDE SEALING FLANGES.

TO 67

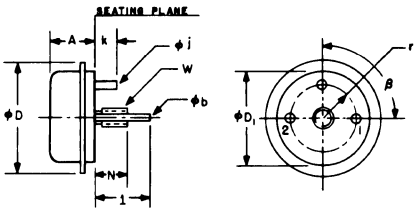


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.275	.500	6.99	12.70	
b	.100	.185	2.54	4.70	
ØD		1.250		31.75	
$ØD_1$	.990	1.010	25.15	25.65	1
Øj	.090	.140	2.29	3.56	4
k	.100	.312	2.54	7.92	4
l	.610	.710	15.49	18.03	
N	.375	.500	9.53	12.70	
P	.050		1.27		
r	.335	.355	8.51	9.02	1
t	.120	.145	3.05	3.68	
t_1	.070	.120	1.78	3.05	
W	.1658	.1697	4.212	4.310	2, 3
β	85°	95°	85°	95°	1

NOTES:

1. MEASURED AT SEATING PLANE.
2. COMPLETE THREADS TO EXTEND TO WITHIN 3-1/2 THREADS OF SEATING PLANE.
3. PITCH DIAMETER OF 10-32 NF-2A (COATED) THREADS. (ASA B1.1-1960)
4. MECHANICAL INDEX.

TO 68

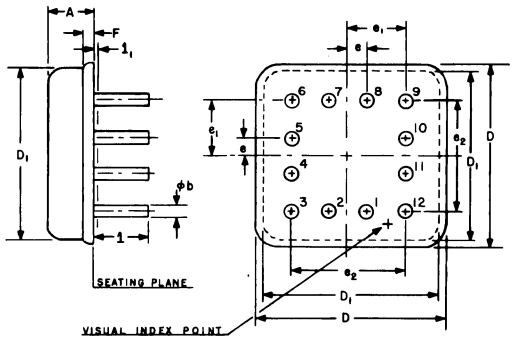


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.275	.500	6.99	12.70	
Øb	.040	.095	1.02	2.41	
ØD		1.250		31.75	
$ØD_1$	.990		25.15		1
Øj	.090	.140	2.29	3.56	4
k	.100	.312	2.54	7.92	4
l	.610	.710	15.49	18.03	
N	.375	.500	9.53	12.70	
r	.335	.355	8.51	9.02	1
W	.1658	.1697	4.212	4.310	2, 3
β	85°	95°	85°	95°	1

NOTES:

1. MEASURED AT SEATING PLANE.
2. COMPLETE THREADS TO EXTEND TO WITHIN 3-1/2 THREADS OF SEATING PLANE.
3. PITCH DIAMETER OF 10-32 NF-2A (COATED) THREADS. (ASA B1.1-1960)
4. MECHANICAL INDEX.

TO 69

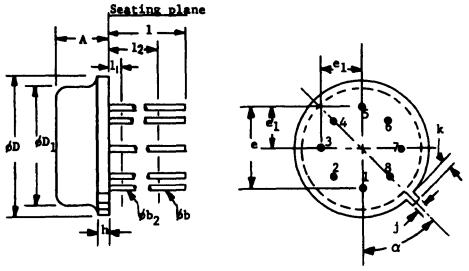


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.075	.085	1.905	2.159	
Øb	.016	.019	.406	.483	2
D	.295	.305	7.49	7.75	
D_1	.275	.285	6.99	7.24	
e	.033 T.P.		.838 T.P.		1
e_1	.098 T.P.		2.49 T.P.		1
e_2	.195 T.P.		4.95 T.P.		1
F	.030	.050	.762	1.270	
l	.070		1.78		
l_1		.025		.635	2

NOTES:

1. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .025" (.635 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS.
2. LEAD THICKNESS UNCONTROLLED IN THIS ZONE.

TO 70



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.065	.085	1.65	2.16	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.240	.270	6.10	6.86	
$ØD_1$	.205	.240	5.21	6.10	
e	.141 T.P.		3.58 T.P.		4
e_1	.071 T.P.		1.80 T.P.		4
h		.040		1.02	
j	.015	.025	.381	.635	
k	.015	.025	.381	.635	3
1	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1 (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

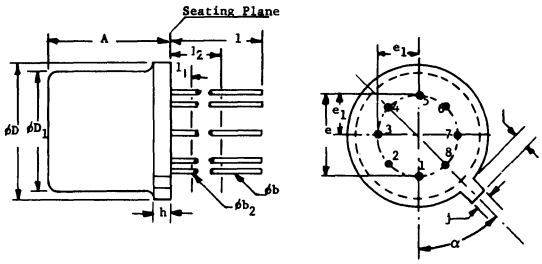
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

TO 71



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.170	.210	4.32	5.33	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.209	.230	5.31	5.84	
$ØD_1$	.175	.195	4.45	4.95	
e	.100 T.P.		2.54 T.P.		4
e_1	.050 T.P.		1.27 T.P.		4
h		.030		.762	
j	.036	.046	.914	1.17	
k	.028	.048	.711	1.22	3
1	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

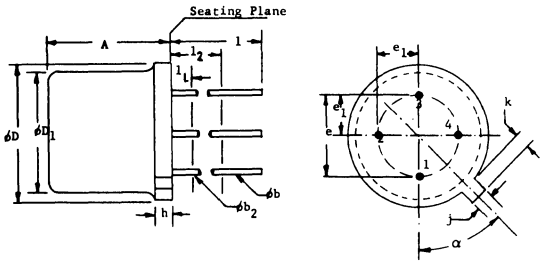
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

TO 72



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.170	.210	4.32	5.33	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.209	.230	5.31	5.84	
$ØD_1$	.178	.195	4.52	4.95	
e	.100 T.P.		2.54 T.P.		4
e_1	.050 T.P.		1.27 T.P.		4
h		.030		.762	
j	.036	.046	.914	1.17	
k	.028	.048	.711	1.22	3
1	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (FOUR LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "NONE" (0). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR OR LINEAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

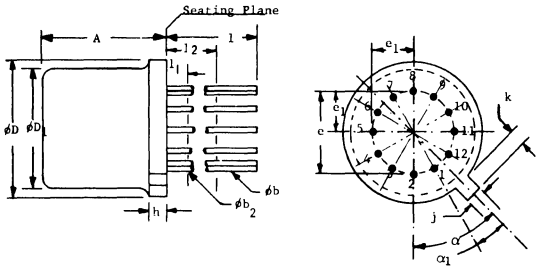
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

TO 73



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
1	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6
$α_1$	15° T.P.		15° T.P.		4, 6

NOTES:

1. (TWELVE LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

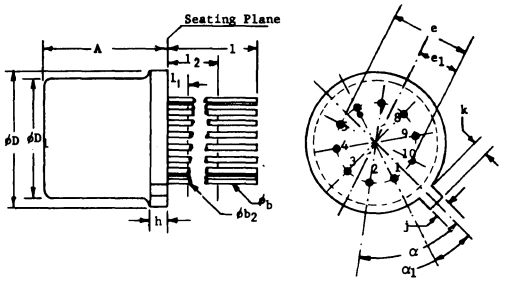
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

TO 74

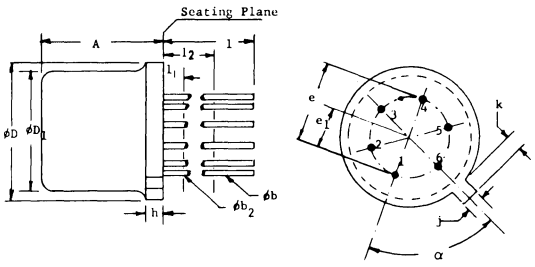


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	2
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	54° T.P.		54° T.P.		4, 6
$α_1$	18° T.P.		18° T.P.		4, 6

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 75

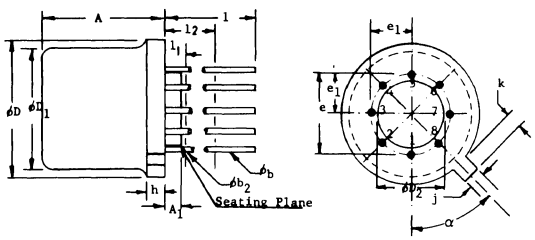


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	2
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	60° T.P.		60° T.P.		4, 6

NOTES:

1. (SIX LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 76

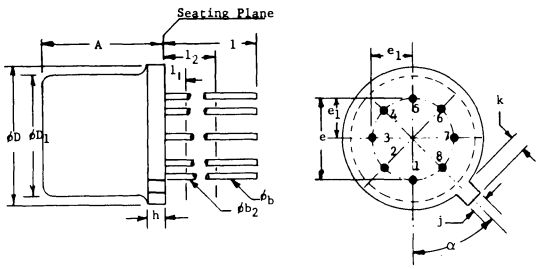


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
A_1	.010	.040	.254	1.02	
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	2
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
$øD_2$	.140	.160	3.56	4.06	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 77

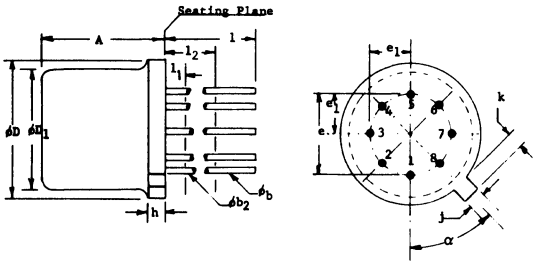


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	2
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR OR LINEAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 78

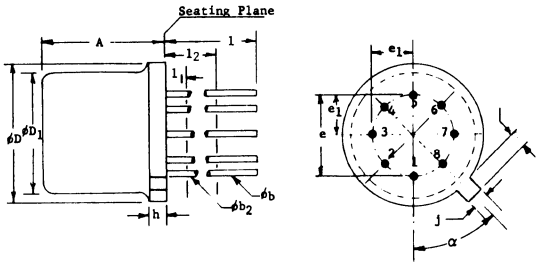


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.165	.185	4.19	4.70	
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	2
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 79

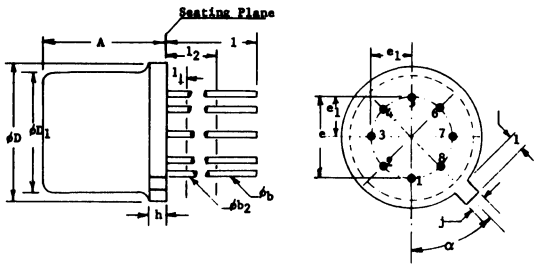


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.140	.160	3.56	4.06	
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	2
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 80

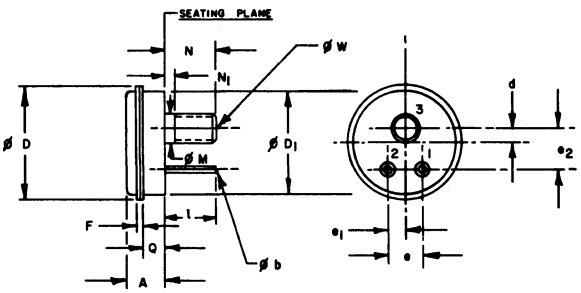


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.085	.105	2.16	2.67	2
øb	.016	.021	.406	.533	2
$øb_2$	.016	.019	.406	.483	
øD	.335	.370	8.51	9.40	
$øD_1$	.305	.335	7.75	8.51	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4, 6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 81

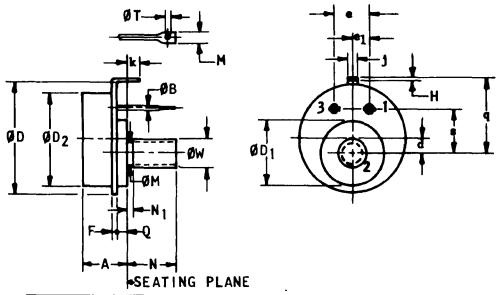


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.380	.415	9.78	10.54	
øb	.055	.071	1.40	1.80	
øD	1.230	1.300	31.25	33.02	
$øD_1$	1.125	1.135	28.68	28.93	1
d	.151	.161	3.84	4.08	1
e	.370	.382	9.40	9.71	1
e_1	.182	.192	4.63	4.87	1
e_2	.435	.450	11.05	11.44	1
F		.065		1.65	
l	.500		12.70		
øM	.278	.312	7.07	7.92	
N	.545	.575	13.85	14.60	
N_1		.107		2.71	3
Q	.227	.243	5.77	6.17	
øW	.2806	.2854	7.13	7.24	2

NOTES:

1. MEASURED AT SEATING PLANE.
2. PITCH DIAMETER OF 5/16-24 UNF-2A (COATED) THREAD (ASA B1.1-1960).
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS.

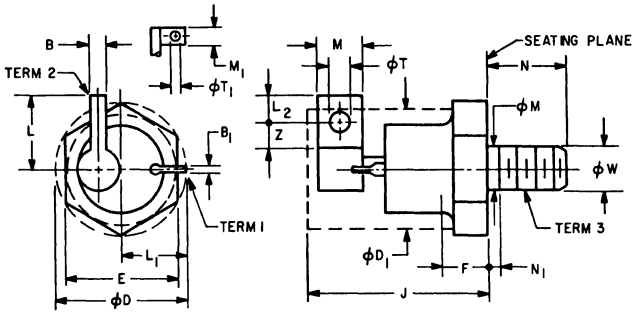
TO 82



SYM.	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.500	.560	12.70	14.22	
ØB	.045	.060	1.15	1.52	5
d	.140	.170	3.56	4.31	
ØD	1.240	1.280	31.50	32.51	
$ØD_1$	.730	.770	18.55	19.55	
$ØD_2$	—	1.125	—	28.57	
e	.360	.400	9.15	10.16	
e1	.180	.200	4.58	5.08	
F	.035	.060	.89	1.52	
k	.130	.190	3.31	4.82	
j	.140	.170	3.56	4.31	
H	.014	.025	.36	.60	
M	.090	.110	2.29	2.79	1
ØM	.278	.312	7.07	7.92	
N	.550	.580	13.97	14.73	
N_1	—	.107	—	2.71	2
q	.810	.850	20.58	21.59	
Q	.110	.140	2.80	3.55	5
e	.480	.520	12.20	13.20	1
ØT	.050	.070	1.27	1.77	4
ØW	.2806	.2854	7.128	7.249	3

NOTES-
1-CONTOUR AND ORIENTATION OF TERMINAL FLATS ARE UNDEFINED.
2-LENGTH OF INCOMPLETE OR UNDERCUT THREADS.
3-PITCH DIA. OF 5/16-24 UNF-2A (COATED) THREADS (ASA 81.1).
4-DIA. OF HOLE OR WIDTH OF SLOT OUT EITHER SIDE OF TERMINALS.
5-LEAD DIAMETER UNCONTROLLED ABOVE THE SEATING PLANE.

TO 83

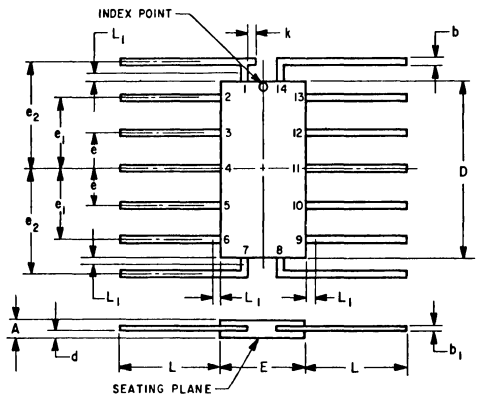


MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
B	.060	.115	1.53	2.92	1
B_1	.012	.050	.31	1.27	1
ØD	-	1.227	-	31.16	-
$ØD_1$	-	1.031	-	26.18	2
E	1.031	1.063	26.19	27.00	-
F	.170	.500	4.4	12.7	3
J	-	1.810	-	45.97	2
L	-	.650	-	16.51	2
L_1	-	.575	-	14.60	2
L_2	.180	-	4.58	-	-
M	.360	.470	9.2	11.9	1
M_1	.115	.160	2.93	4.06	1
ØM	.425	.499	10.80	12.67	4
N	.797	.827	20.25	21.00	-
N_1	-	.125	-	3.17	4
ØT	.180	.260	4.58	6.60	-
$ØT_1$	.060	.080	1.53	2.03	-
ØW	.4619	.4675	11.733	11.874	5
Z	.180	-	4.58	-	6

NOTES:
1. CONTOUR AND ORIENTATION OF FIXED TERMINAL LUGS ARE UNDEFINED.
2. THE BODY AND TERMINALS OF THE DEVICE, WITH THE EXCEPTION OF THE EXTENDED LUG LENGTH L AND L1, LIE WITHIN THE CYLINDER DEFINED BY $ØD_1$ AND LENGTH J.
3. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF THE HEXAGONAL PORTIONS IS OPTIONAL.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
5. PITCH DIA. OF 1/2-20 UNF -2A (COATED) THREADS (ASA B1.1-1960).
6. MINIMUM FLAT.

TO 84

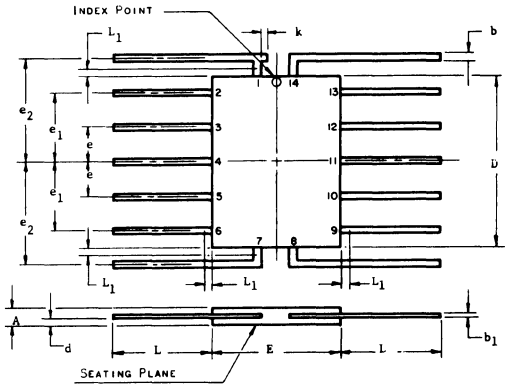


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.030	.070	.77	1.77	-
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.240	.260	6.10	6.60	-
d	.005	.035	.13	.88	-
E	.135	.155	3.43	3.93	4
e	.045	.055	1.15	1.39	2,4
e_1	.095	.105	2.42	2.66	2,4
e_2	.145	.155	3.69	3.93	2,3,4
k	-	.015	-	.38	5
L	.070	-	1.78	-	-
L_1	-	.015	-	.38	1

NOTES:
1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. SPACING AND ANGLE OF THE END LEADS AT THE POINT OF EMERGENCE OF BODY IS NOT CONTROLLED.
4. LEAD SPACING SHALL BE MEASURED WITHIN .030" (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY OR, AS IN THE CASE OF END LEAD, FROM THE POINT WHERE THE EXTENSION OF THE BODY OUTLINE INTERSECTS THE END LEADS.
5. MECHANICAL INDEX, OPTIONAL.

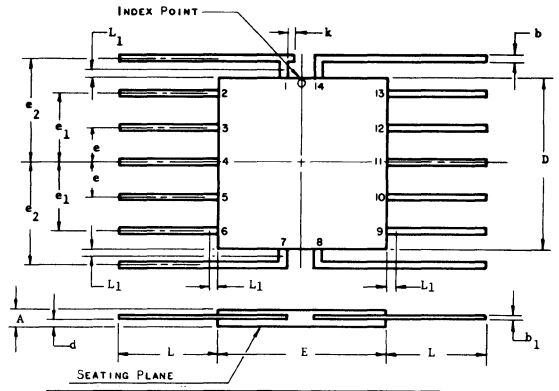
TO 85



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTE
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.240	.275	6.10	6.98	
d	.005	.035	.127	.889	
E	.160	.185	4.07	4.69	4
e	.045	.055	1.15	1.39	2,4
e_1	.095	.105	2.42	2.66	2,4
e_2	.145	.155	3.69	3.93	2,3,4
k	-	.015	-	.381	5
L	.070	-	1.78	-	
L_1	-	.015	-	.381	1

NOTES:
1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. SPACING AND ANGLE OF THE END LEADS AT THE POINT OF EMERGENCE OF BODY IS NOT CONTROLLED.
4. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY OR, AS IN THE CASE OF END LEAD, FROM THE POINT WHERE THE EXTENSION OF THE BODY OUTLINE INTERSECTS THE END LEADS.
5. MECHANICAL INDEX, OPTIONAL

TO 86

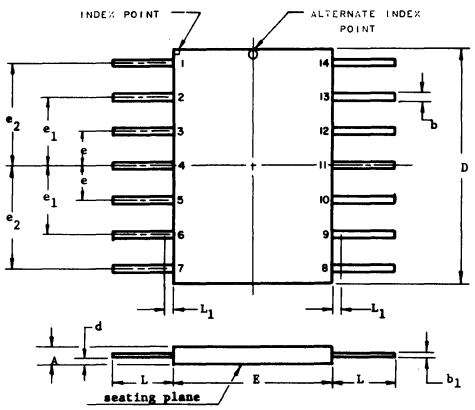


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTE
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.240	.275	6.10	6.98	
d	.005	.035	.127	.889	
E	.240	.260	6.10	6.60	4
e	.045	.055	1.15	1.39	2,4
e_1	.095	.105	2.42	2.66	2,4
e_2	.145	.155	3.69	3.93	2,3,4
k	-	.015	-	.381	5
L	.070	-	1.78	-	
L_1	-	.015	-	.381	1

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. SPACING AND ANGLE OF THE END LEADS AT THE POINT OF EMERGENCE OF BODY IS NOT CONTROLLED.
4. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY OR, AS IN THE CASE OF END LEAD, FROM THE POINT WHERE THE EXTENSION OF THE BODY OUTLINE INTERSECTS THE END LEADS.
5. MECHANICAL INDEX, OPTIONAL

TO 87

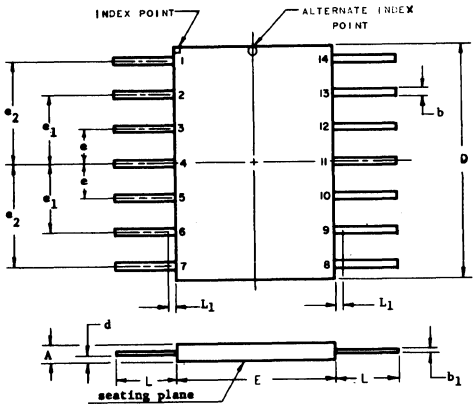


SYMBOL	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX	NOTE
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.360	.410	9.15	10.41	
d	.005	.035	.127	.889	
E	.240	.275	6.10	6.98	
e	.045	.055	1.15	1.39	2,3
e_1	.095	.105	2.42	2.66	2,3
e_2	.145	.155	3.69	3.93	2,3
L	.070	-	1.78	-	
L_1	-	.015	-	.381	1

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

TO 88

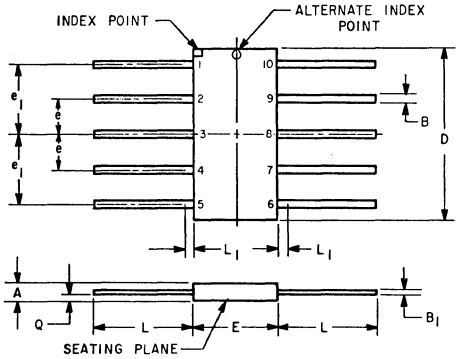


SYMBOL	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX	NOTE
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.330	.350	8.38	8.89	
d	.005	.035	.127	.889	
E	.240	.260	6.10	6.60	
e	.045	.055	1.15	1.39	2,3
e_1	.095	.105	2.42	2.66	2,3
e_2	.145	.155	3.69	3.93	2,3
L	.070	-	1.78	-	
L_1	-	.015		.381	1

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

TO 89



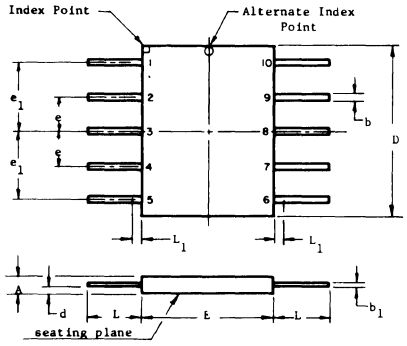
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.030	.070	.77	1.77	-
B	.010	.019	.254	.482	1
B_1	.003	.006	.077	.152	1
D	.240	.290	6.10	7.36	-
E	.135	.155	3.43	3.93	-
e	.045	.055	1.15	1.39	2,3
e_1	.095	.105	2.42	2.66	2,3
L	.070	-	1.78	-	-
L_1	-	.015	-	.381	1
Q	.005	.035	.127	.889	-

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY FLASH AND LEAD FINISH BUILD-UP.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

TO 90

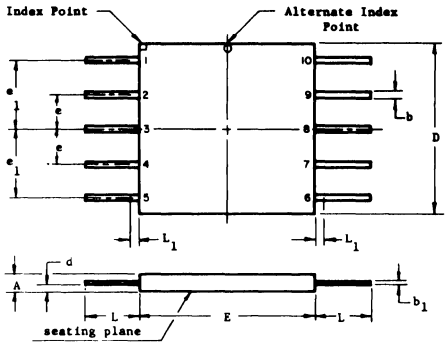


SYMBOL	INCHES		MILLIMETERS		NOTE
	MIN	MAX	MIN	MAX	
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.240	.290	6.10	7.36	
d	.005	.035	.127	.889	
E	.160	.185	4.07	4.69	
e	.045	.055	1.15	1.39	2,3
e_1	.095	.105	2.42	2.66	2,3
L	.070	-	1.78	-	
L_1	-	.015	-	.381	1

NOTES:

1. Lead Dimensions uncontrolled in this zone to allow for body and lead finish irregularities.
2. Leads missing from their designated positions shall also be counted when numbering leads for specific applications.
3. Lead spacing shall be measured within .030 (.762 mm) from the point of emergence from the body.

TO 91

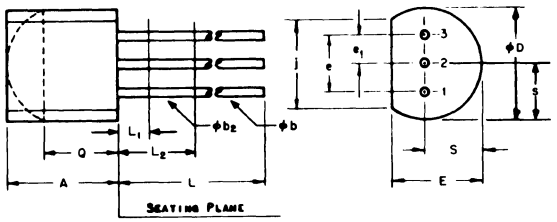


SYMBOL	INCHES		MILLIMETERS		NOTE
	MIN	MAX	MIN	MAX	
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	1
b_1	.003	.006	.077	.152	1
D	.240	.290	6.10	7.36	
d	.005	.035	.127	.889	
E	.240	.260	6.10	6.60	
e	.045	.055	1.15	1.39	2,3
e_1	.095	.105	2.42	2.66	2,3
L	.070	-	1.78	-	
L_1	-	.015	-	.381	1

NOTES:

1. Lead Dimensions uncontrolled in this zone to allow for body and lead finish irregularities.
2. Leads missing from their designated positions shall also be counted when numbering leads for specific applications.
3. Lead spacing shall be measured within .030 (.762 mm) from the point of emergence from the body.

TO 92

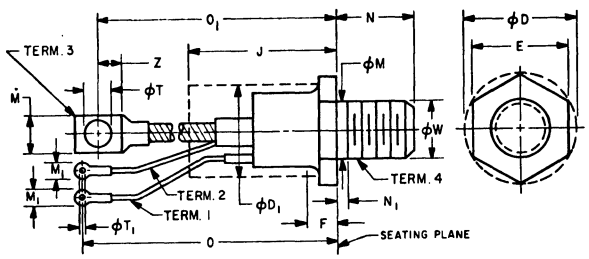


SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
A	.170	.210	4.58	5.33	
Øb	.016	.021	.407	.533	1, 3
$Øb_2$	.016	.019	.407	.482	3
ØD	.175	.205	4.96	5.20	
E	.125	.165	3.94	4.19	
e	.095	.105	2.42	2.66	
e_1	.045	.055	1.15	1.39	
j	.135		3.43		
L	.500		12.70		1, 3
L_1		.050		1.27	3
L_2	.250		6.35		3
Q	.115		2.93		2
S	.080	.105	2.42	2.66	

NOTES:

1. THREE LEADS
2. CONTOUR OF THE PACKAGE BEYOND THIS ZONE IS UNCONTROLLED.
3. (THREE LEADS) $Øb_2$ APPLIES BETWEEN L_1 AND L_2. Øb APPLIES BETWEEN L_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN L_1 AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.

TO 93



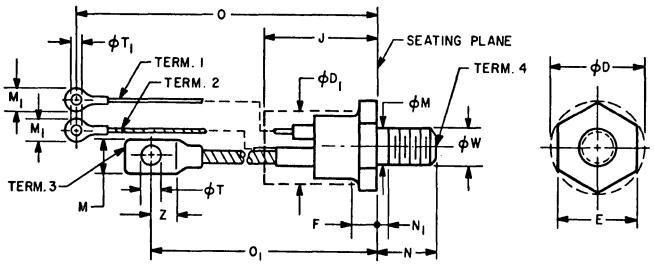
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
ØD	-	1.443	-	36.65	-
$ØD_1$	-	1.212	-	30.78	1
E	1.212	1.250	30.79	31.75	-
F	.230	1.000	5.9	25.4	5
J	-	3.625	-	92.07	1,7
M	.530	.755	13.5	19.1	2
ØM	.660	.749	16.77	19.02	3
M_1	.215	.300	5.47	7.62	2,8
N	1.047	1.077	26.60	27.35	-
N_1	-	.156	-	3.96	3
O	7.350	8.100	186.7	205.7	-
O_1	7.350	8.100	186.7	205.7	-
ØT	.260	.350	6.61	8.89	-
$ØT_1$	.140	.155	3.56	3.93	-
ØW	.7029	.7094	17.854	18.018	4
Z	.340	-	8.64	-	6

NOTES:

1. THE BODY OF THE DEVICE WITH EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN $ØD_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGON PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL.
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
4. PITCH DIAMETER OF 3/4-16UNF-2A (COATED) THREADS (ASA B1.1-1960).
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGON PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

TO 94



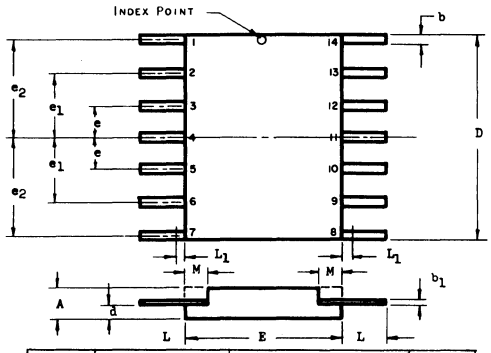
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ØD	-	1.227	-	31.16	-
$ØD_1$	-	1.031	-	26.18	1
E	1.031	1.063	26.19	27.00	-
F	.170	.500	4.4	12.7	5
J	-	2.500	-	63.50	1,7
M	.437	.650	11.1	16.5	2
ØM	.425	.499	10.80	12.67	3
M_1	.215	.300	5.49	7.62	2,8
N	.797	.827	20.25	21.00	-
N_1	-	.125	-	3.17	3
O	6.850	7.500	174.0	190.5	-
O_1	5.775	6.265	146.7	159.1	-
ØT	.260	.310	6.61	7.87	-
$ØT_1$	.140	.150	3.56	3.81	-
ØW	.4619	.4675	11.733	11.874	4
Z	.250	-	6.35	-	6

NOTES:

1. THE DEVICE WITH THE EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSION LIES WITHIN THE CYLINDER DEFINED BY $ØD_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGONAL PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
4. PITCH DIAMETER OF 1/2-20 UNF-2A (COATED) THREADS (ASA B1.1-1960).
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEADS BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERM 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

TO 95

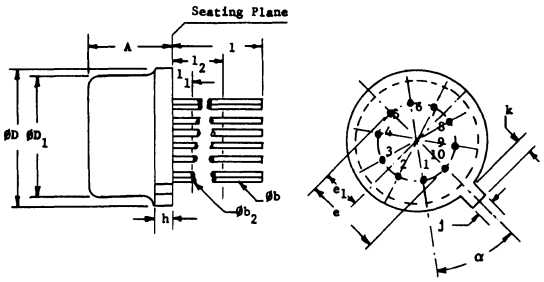


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.030	.070	.762	1.77	
b	.010	.019	.254	.482	
b_1	.003	.006	.077	.152	
D	.308	.329	7.83	8.35	
d	.005	.035	.127	.889	
E	.240	.260	6.10	6.60	
e	.045	.055	1.15	1.39	2, 3
e_1	.095	.105	2.42	2.66	2, 3
e_2	.145	.155	3.69	3.93	2, 3
L	.070		1.78		
L_1		.015		.381	1
M		.040		1.01	4

NOTES:

1. LEAD DIMENSION UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030" (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.
4. IRREGULARITY IN BODY OUTLINE NOT CONTROLLED IN THIS ZONE.

TO 96

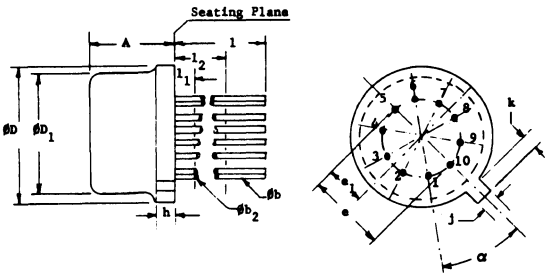


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.240	.260	6.10	6.60	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
e	.230 T.P.		5.84 T.P.		4
e_1	.115 T.P.		2.92 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.7		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	36° T.P.		36° T.P.		4,6

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 and l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 97

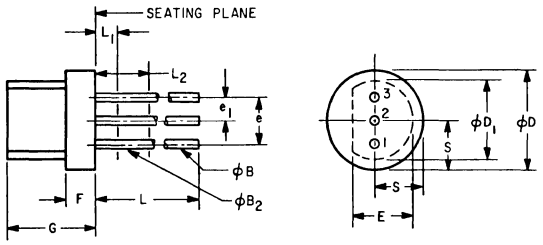


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.140	.160	3.56	4.06	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
e	.230 T.P.		5.84 T.P.		4
e_1	.115 T.P.		2.92 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.7		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	36° T.P.		36° T.P.		4,6

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 98



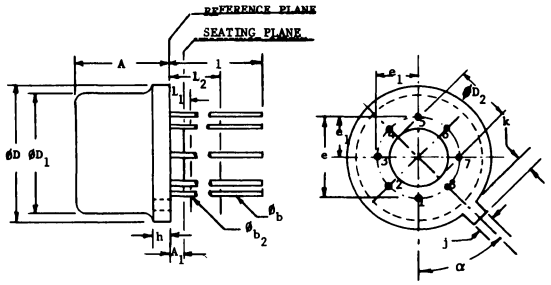
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ØD	.190	.205	4.83	5.20	-
$ØD_1$	.165	.190	4.20	4.82	-
ØB	.016	.021	.407	.533	1
$ØB_2$	.016	.019	.407	.482	-
E	.110	.140	2.80	3.55	-
e	.095	.105	2.42	2.66	-
e_1	.045	.055	1.15	1.39	-
F	.055	.075	1.40	1.90	-
G	.200	.265	5.08	6.73	-
L	.500	-	12.70	-	1
L_1	-	.050	-	1.27	1
L_2	.250	-	6.35	-	1
S	.085	.115	2.16	2.92	-

NOTES:

1. (THREE LEADS) $ØB_2$ APPLIES BETWEEN L_1 AND L_2. ØB APPLIES BETWEEN L_2 AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN L_1 AND BEYOND .5" (12.70MM) FROM SEATING PLANE.

TO 99

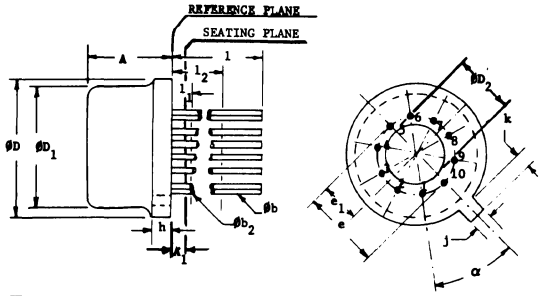


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.165	.185	4.19	4.70	
A_1	.010	.040	.254	1.02	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
$ØD_2$	.140	.160	3.56	4.06	
e	.200 T.P.		5.08 T.P.		4
e_1	.100 T.P.		2.54 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	45° T.P.		45° T.P.		4,6

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 and l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM REFERENCE PLANE. DIAMETER IS UNCONTROLLED IN l_1 and BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 100

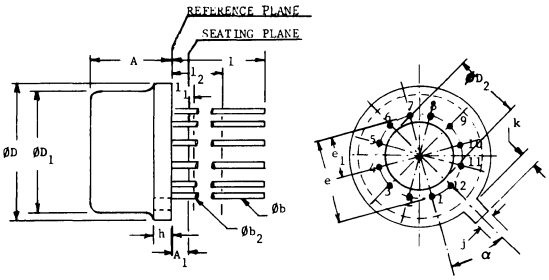


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.165	.185	4.19	4.70	
A_1	.010	.040	.254	1.02	
Øb	.016	.021	.406	.533	2
$Øb_2$	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
$ØD_2$	.140	.160	3.56	4.06	
e	.230 T.P.		5.84 T.P.		4
e_1	.115 T.P.		2.92 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	36° T.P.		36° T.P.		4,6

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 and .500" (12.70 MM) FROM REFERENCE PLANE. DIAMETER IS UNCONTROLLED IN l_1 and BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 101

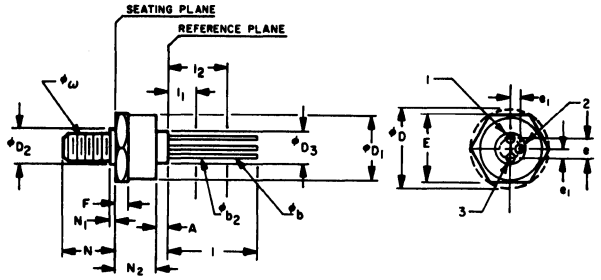


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.165	.185	4.19	4.70	
A_1	.010	.040	.254	1.02	
Øb	.016	.021	.406	.533	2
Øb2	.016	.019	.406	.483	2
ØD	.335	.370	8.51	9.40	
$ØD_1$	.305	.335	7.75	8.51	
$ØD_2$	.140	.160	3.56	4.06	
e	.230 T.P.		5.84 T.P.		4
e_1	.115 T.P.		2.92 T.P.		4
h		.040		1.02	
j	.028	.034	.711	.864	
k	.029	.045	.737	1.14	3
l	.500		12.70		2
l_1		.050		1.27	2
l_2	.250		6.35		2
α	30° T.P.		30° T.P.		4,6

NOTES:

1. (TWELVE LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN l_1 AND l_2. Øb APPLIES BETWEEN l_2 AND .500" (12.70 MM) FROM REFERENCE PLANE. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM)MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000MM) BELOW THE REFERENCE PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

TO 102

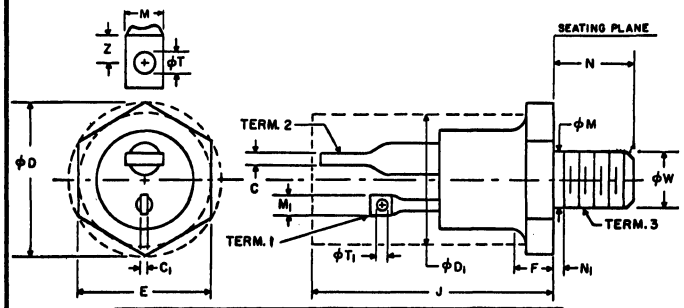


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.045	.060	1.14	1.52	
øb	.016	.021	.406	.533	1
$øb_2$	.016	.019	.406	.483	1
øD	.413	.433	10.49	11.00	
$øD_1$	.350	.360	8.89	9.14	
$øD_2$	.175	.190	4.45	4.83	
$øD_3$	.162	.169	4.11	4.29	
E	.362	.375	9.19	9.53	
e	.100 T.P.		2.54 T.P.		2
e_1	.050 T.P.		1.27 T.P.		2
F	.065	.070	1.65	1.78	3
l	.500		12.70		
l_1		.050		1.27	
l_2	.250		6.35		
N	.265	.292	6.73	7.42	
N_1	.020	.035	.508	.889	
N_2	.210	.225	5.33	5.72	
øW	.1141	.1177	2.898	2.990	4

NOTES:

1. (THREE LEADS) $øb_2$ APPLIES BETWEEN l_1 AND l_2. øb APPLIES BETWEEN l_2 AND l. DIAMETER IS UNCONTROLLED IN l_1 AND BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS.
3. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
4. PITCH DIAMETER OF 6-32 UNC-2A (COATED) THREADS. (ASA B1.1-1960).

TO 103

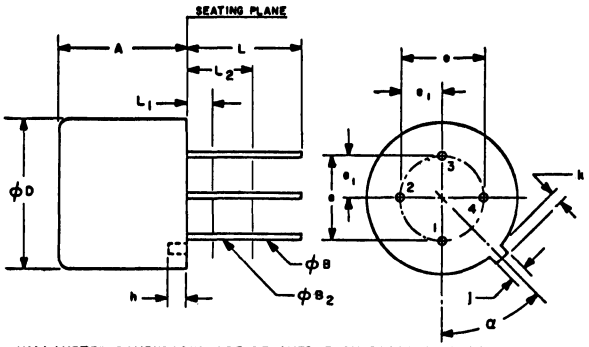


SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
C	.065	.100	1.66	2.54	1,7
C_1	.025	.075	.64	1.90	1,7
øD	-	.866	-	21.99	
$øD_1$	-	.728	-	18.49	2
E	.728	.750	18.50	19.05	
F	.125	.205	3.18	5.20	3
J	1.200	1.560	30.48	39.62	2
M	.220	.375	5.59	9.52	1,7
M_1	.125	.187	3.18	4.75	1,7
øM	.280	.310	7.12	7.87	
N	.485	.515	12.32	13.08	
N_1	-	.100	-	2.54	4
øT	.140	.155	3.56	3.93	
$øT_1$	.050	.070	1.27	1.77	
øW	.2806	.2854	7.127	7.249	5
Z	.140	-	3.56	-	6

NOTES:

1. CONTOUR AND ANGULAR ORIENTATION OF FIXED TERMINAL LUGS ARE UNDEFINED.
2. THE BODY AND TERMINALS OF THE DEVICE LIE WITHIN THE CYLINDER DEFINED BY $øD_1$ AND LENGTH J.
3. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF THE HEXAGONAL PORTION IS OPTIONAL.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF øM
5. PITCH DIAMETER OF 5/16-24 UNF-2A (COATED) THREADS (ASA B1.1-1960)
6. MINIMUM FLAT.
7. POSITION OF TERMINALS 1 AND 2 IN RELATION TO HEXAGON IS NOT CONTROLLED.

TO 104



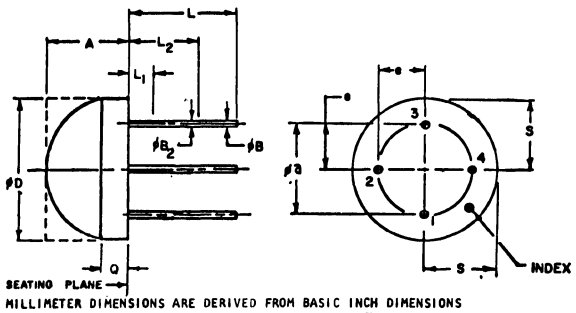
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.170	.210	4.32	5.33	
øB	.016	.021	.407	.533	2
$øB_2$	.016	.019	.407	.482	2
øD	.220	.240	5.59	6.10	
e	.100 T.P.		2.54 T.P.		1, 3
e_1	.050 T.P.		1.27 T.P.		1, 3
h	-	.030	-	.76	
J	.036	.048	.92	1.16	
k	.028	.048	.72	1.21	4
L	.500	-	12.70	-	2
L_1	-	.050	-	1.27	2
L_2	.250		6.35	-	2
α	45° T.P.		—		

NOTES:

1. MAXIMUM NUMBER OF LEADS THAT MAY BE OMITTED IN THIS OUTLINE: "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.
2. $øB_2$ APPLIES BETWEEN L_1 AND L_2. øB APPLIES BETWEEN L_2 AND L. DIAMETER IS NOT CONTROLLED IN L_1.
3. LEADS HAVING MAXIMUM DIAMETER .019 "(.482MM) MEASURED IN GAGING PLANE .054" (1.372MM)+.001" (.025MM)-.000 "(.000MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.177MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM WIDTH TAB.
4. MEASURED FROM ACTUAL MAXIMUM DIAMETER OF øD.

TO 105



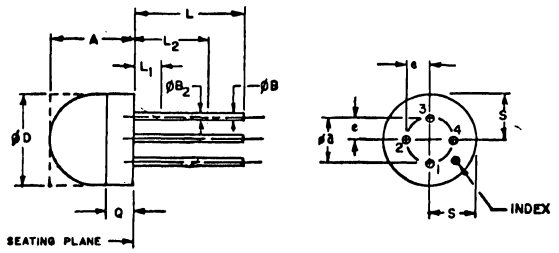
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.120	.240	3.1	6.0	
ø e	.190	.210	4.83	5.33	
ø B	.016	.021	.407	.533	1, 2
$ø B_2$	.016	.019	.407	.482	1, 2
ø D	.305	.325	7.75	8.25	
e	.090	.110	2.29	2.79	
L	.500	--	12.70	--	1, 2
L_1	--	.050	--	1.27	1, 2
L_2	.250	--	6.35	--	1, 2
Q	.060	--	1.53	--	3
S	.145	.165	3.69	4.19	

NOTES:

1. MAXIMUM NUMBER OF LEADS THAT MAY BE OMITTED IN THIS OUTLINE: "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION
2. $øB_2$ APPLIES BETWEEN L_1 and L_2. øB APPLIES BETWEEN L_2 and L. DIAMETER IS NOT CONTROLLED IN L_1.
3. CONTOUR OF PACKAGE BEYOND THIS ZONE IS OPTIONAL, BUT MUST BE WITHIN øD AND A.
4. VISUAL OR MECHANICAL INDEX IS OPTIONAL IF ONE LEAD IS OMITTED.

TO 106

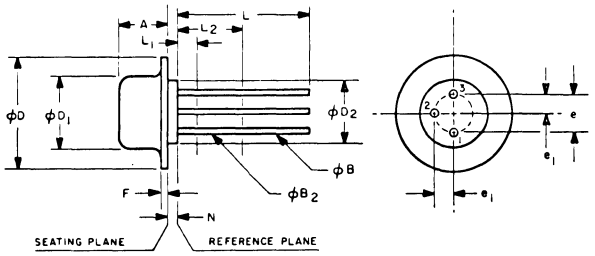


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.120	.240	3.1	6.0	
øa	.095	.105	2.42	2.66	
øB	.016	.021	.407	.533	1, 2
ϕB_2	.016	.019	.407	.482	1, 2
øD	.192	.222	4.88	5.63	
e	.045	.055	1.15	1.39	
L	.500	--	12.70	--	1, 2
L_1	--	.050	--	1.27	1, 2
L_2	.250	--	6.35	--	1, 2
Q	.060	--	1.53	--	3
S	.090	.115	2.29	2.92	

NOTES:
1. MAXIMUM NUMBER OF LEADS THAT MAY BE OMITTED IN THIS OUTLINE: "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.
2. ϕB_2 APPLIES BETWEEN L_1 and L_2. øB APPLIES BETWEEN L_2 and L. DIAMETER IS NOT CONTROLLED IN L_1.
3. CONTOUR OF PACKAGE BEYOND THIS ZONE IS OPTIONAL, BUT MUST BE WITHIN øD AND A.
4. VISUAL OR MECHANICAL INDEX IS OPTIONAL IF ONE LEAD IS OMITTED

TO 107

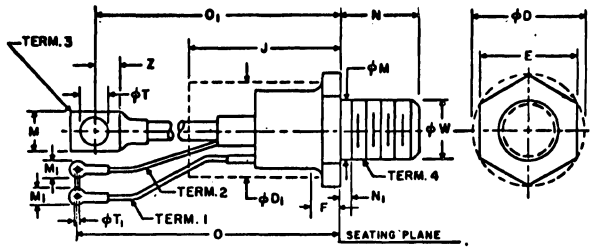


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.105	.135	2.67	3.42	
ø B	.016	.021	.407	.533	1
ø E_2	.015	.019	.407	.482	1
ø D	.320	.350	8.13	8.89	
ø D_1	.200	.215	5.08	5.46	
ø D_2	.160	.170	4.07	4.32	
e	.100 T.P.		2.54 T.P.		2
e_1	.050 T.P.		1.27 T.P.		2
F	-	.030	-	.76	
N	.045	.060	1.15	1.52	
L	.500	-	12.70	-	1
L_1	-	.050	-	1.27	1
L_2	.250	-	6.35	-	1

NOTES:
1. ø B_2 APPLIES BETWEEN L_1 AND L_2. ø B APPLIES BETWEEN L_2 AND L. DIAMETER IS NOT CONTROLLED IN L_1.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.482 MM) MEASURED IN GAGING PLANE .054" (1.38 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE DEVICE SHALL BE WITHIN .007" (.177 MM) OF THEIR TRUE POSITIONS.

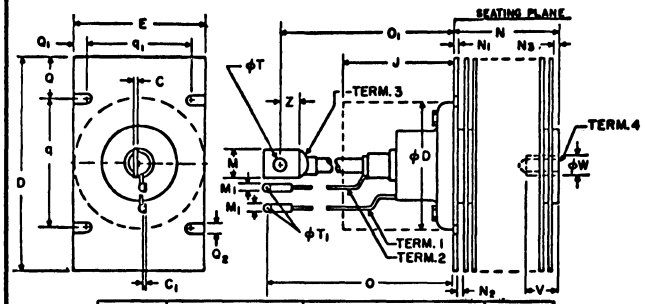
TO 108



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
øD		1.949		49.50	
ϕD_1		1.631		41.42	1
E	1.631	1.688	41.43	42.87	
F	.250	.500	6.35	12.70	5
J		4.000		101.60	1,7
M	.735	1.000	18.67	25.40	2
M_1	.218	.328	5.54	8.33	2,8
øM	.880	.999	22.36	25.37	
N	1.375	1.535	34.93	38.98	
N_1		.250		6.35	3
O	9.640	10.140	244.86	257.55	
O_1	9.400	9.780	238.76	248.41	
øT	.320	.448	8.13	11.37	
ϕT_1	.140	.172	3.56	4.36	
øW	.9382	.9459	23.831	24.025	4
Z	.375		9.53		6

NOTES:
1. THE BODY OF THE DEVICE WITH EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN ϕD_1.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGON PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL.
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF øM
4. PITCH DIAMETER OF 1-12 UNF-2A (COATED) THREADS (ASA B1.1-1960)
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGON PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

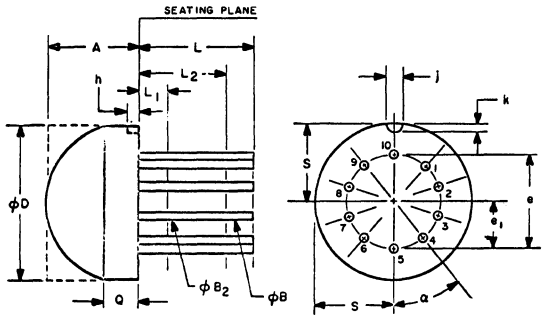
TO 109



SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
C	.100	.200	2.54	5.08	1
C_1	.020	.040	.51	1.02	1
D	4.937	5.063	125.40	128.60	
øD		3.270		83.05	2
E	3.937	4.063	100.00	103.20	
J		4.000		101.60	2,3
M	.735	1.000	18.67	25.40	1
M_1	.218	.320	5.54	8.12	1,6
N		2.130		54.10	
N_1	.125	.220	3.18	5.58	
N_2	.140		3.56		7
N_3	.080		2.04		
O	9.400	10.250	238.76	260.35	
O_1	9.150	10.141	232.41	257.58	
Q	.968	1.031	24.59	26.18	
Q_1	.468	.531	11.89	13.48	
Q_2	.312	.384	7.93	9.75	
q	2.968	3.031	75.39	76.98	
q_1	2.968	3.031	75.39	76.98	
øT	.320	.448	8.13	11.37	
ϕT_1	.140	.172	3.56	4.36	
V	.750		19.05		
øW	.4675	.4731	11.873	12.016	5
Z	.375		9.52		4.

NOTES:
1. CONTOUR AND ORIENTATION OF TERMINAL LUGS ARE UNDEFINED.
2. THE BODY OF THE DEVICE WITH THE EXCEPTION OF HEATSINK AND FLEXIBLE LEADS LIES WITHIN øD.
3. SEATED HEIGHT WITH THE LEAD BENT AT RIGHT ANGLES.
4. MINIMUM FLAT.
5. PITCH DIAMETER OF THREADS - 1/2 - 20 UNF 2B (ASA B1.1-1960)
6. PARALLEL, TWISTED OR COAXIAL FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS. COAXIAL SHIELDED LEAD HAS SHIELD AS TERMINAL 2.
7. WHEN DIMENSIONS LESS THAN .180 (4.58 MM) ARE USED, CLEARANCE IN THE SECOND FIN WILL BE PROVIDED.

TO 110



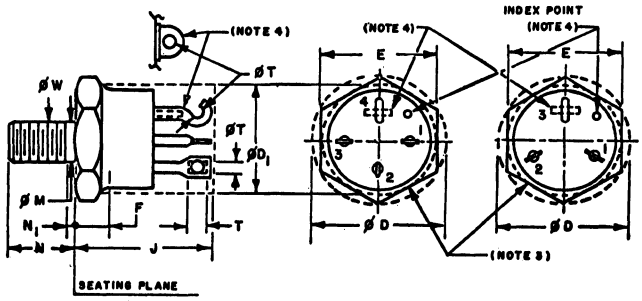
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.120	.240	3.1	6.0	
Ø B	.016	.021	.407	.533	1, 2
Ø B_2	.016	.019	.407	.482	1, 2
Ø D	.310	.330	7.88	8.38	
e	.195	.205	4.96	5.20	
e1	.098	.102	2.490	2.590	
h	.015	.040	.39	1.01	
j	.025	.050	.64	1.27	
k	.010	.030	.26	.76	
L	.500	-	12.70	-	1, 2
L_1	-	.050	-	1.27	1, 2
L_2	.250	-	6.35	-	1, 2
S	.145	.165	3.69	4.19	
Q	.060	-	1.53	-	3
α	36° T.P.		36° T.P.		

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS THAT CAN BE OMITTED IN THIS OUTLINE, ONE (1).
2. Ø B_2 APPLIES BETWEEN L_1 AND L_2. Ø B APPLIES BETWEEN L_2 AND L. DIAMETER IS NOT CONTROLLED IN L_1.
3. CONTOUR OF PACKAGE BEYOND THIS ZONE OPTIONAL, BUT MUST BE CONFINED WITHIN Ø D AND A.

TO 111



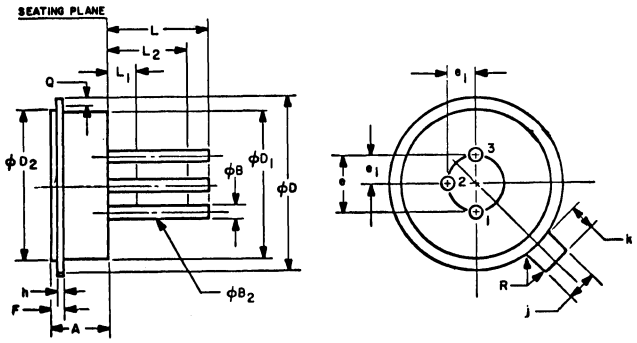
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX	NOTES
ØD	—	.505	—	12.82	
$ØD_1$	.330	.423	8.39	10.74	1
E	.423	.438	10.75	11.12	2
F	.090	.250	2.3	6.3	5
J	.570	.763	14.5	19.3	1
ØM	.155	.189	3.94	4.80	6
N	.400	.455	10.16	11.55	
N_1	—	.078	—	1.98	6
ØT	.040	.070	1.02	1.77	
T	—	.090	—	2.28	7
ØW	.1658	.1697	4.212	4.310	8

NOTES:

1. Device body and terminals (with exception of hexagon) lie within the cylinder diameter $ØD_1$ and length J.
2. Position of terminals in relation to the hexagon is not controlled.
3. Four terminals. Omission of a maximum of one terminal is optional. Position of the terminals is optional. The number and position of terminals actually present are indicated in the product registration.
4. The use of either a hook, short tab, or tall tab terminal contour is optional. An index point is required when the tall tab terminal contour (identical to the adjacent terminals) option is used.
5. A chamfer (or undercut) on one or both ends of hexagonal portion is optional.
6. Incomplete or undercut threads.
7. Elongated hole in tab is optional.
8. Pitch diameter of 10-32 UNF-2A coated threads (ASA B1.1-1960).

TO 112



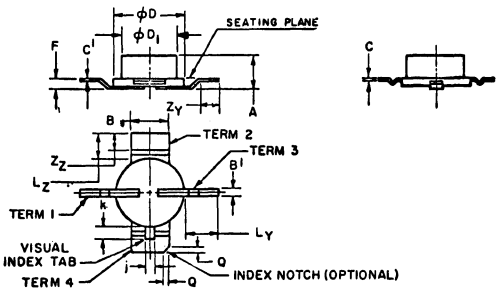
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.090	.115	2.29	2.92	
Ø B	.016	.021	.407	.533	1
Ø B_2	.016	.019	.407	.482	1
Ø D	.305	.320	7.75	8.12	
Ø D_1	.265	.275	6.74	6.98	
Ø D_2	.270	.320	6.86	.812	
e	.100 T.P.		2.54 T.P.		2
e1	.050 T.P.		1.27 T.P.		
F	.016	.024	.407	.609	
h	.008	.012	.204	.304	
j	.047	.053	1.194	1.346	
k	.047	.053	1.194	1.346	3
L	.400	-	10.16	-	1
L_1	-	.050	-	1.27	1
L_2	.250	-	6.35	-	1
Q	.015	-	.381	-	4
R	-	.009	-	.22	
α	45° T.P.		45° T.P.		5

NOTES:

1. Ø B_2 APPLIES BETWEEN L_1 AND L_2. Ø B APPLIES BETWEEN L_2 AND L. DIAMETER IS NOT CONTROLLED IN L_1.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.482 MM) MEASURED IN GAGING PLANE .054" (1.38 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM WIDTH TAB.
3. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
4. MINIMUM FLAT.
5. TAB CENTERLINE.

TO 113



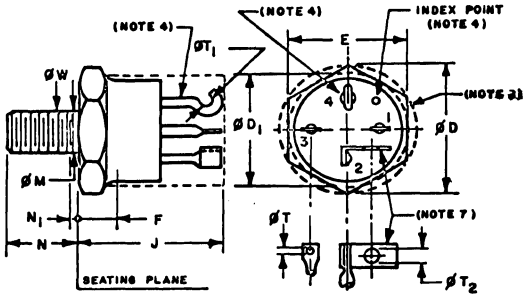
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.080	.100	2.04	2.54	
B	.095	.105	2.42	2.66	2
B'	.012	.025	.31	.63	1
C	.001	.002	.026	.050	2
C'	.001	.003	.026	.076	1
Ø D	.180	.200	4.58	5.08	
Ø D_1	.157	.164	3.988	4.165	
F	-	.025	-	.63	3, 7
j	-	.024	-	.60	
k	-	.033	-	.83	4
L_Y	.088	.130	2.24	3.30	1, 4
L_Z	.060	.080	1.53	2.03	2, 4
Q	-	.020	-	.50	
Z_Y	.040	-	1.02	-	1,5,6,7
Z_Z	.030	-	.77	-	2,5,6,7

NOTES:

1. TERMINALS 1 AND 3.
2. TERMINALS 2 AND 4.
3. ALL TERMINALS.
4. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
5. FLAT ON TERMINALS.
6. WITH THE DEVICE SEATED IN A .165" (4.20 MM) + .010" (.25 MM) -.000" (.00 MM) HOLE A MAXIMUM FORCE OF 20 GRAMS ON EACH OF THE TERMINALS SHALL CAUSE THE FLATS OF THE TERMINALS TO CONTACT THE SEATING PLANE.
7. TERMINAL CONFIGURATIONS OPTIONAL BETWEEN Ø D AND FLATS ON TERMINALS.

TO 114

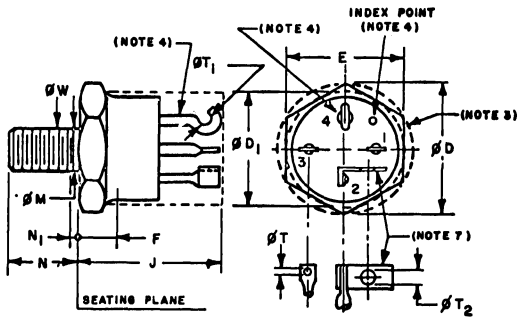


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX	NOTES
ØD	—	1.227	—	31.16	
$ØD_1$	.885	1.031	22.5	26.1	1
E	1.031	1.063	26.19	27.00	2
F	.090	.400	2.3	10.1	5
J	1.048	1.750	26.7	44.4	1
ØM	.425	.500	10.80	12.70	6
N	.781	.828	19.84	21.03	
N_1	—	.156	—	3.96	6
ØT	.078	.109	1.99	2.76	
$ØT_1$	.234	.281	5.95	7.13	
$ØT_2$	.180	.210	4.58	5.33	7
ØW	.4619	.4675	11.733	11.874	8

NOTES:
1. Device body and terminals (with exception of hexagon) lie within the cylinder diameter $ØD_1$ and length J.
2. Position of terminals in relation to the hexagon is not controlled.
3. Four terminals. Omission of a maximum of one terminal is optional. Position of the terminals is optional. The number and position of terminals actually present are indicated in the product registration.
4. The use of either a hook or tab terminal contour is optional. An index point is required when the tab terminal (identical to the adjacent terminals) contour option is used.
5. A chamfer (or undercut) on one or both ends of hexagonal portional is optional.
6. Incomplete or undercut threads.
7. Use of tab extension is optional.
8. Pitch diameter of ¼-20 UNF-2A (coated) threads (ASA B1.1-1960).

TO 115

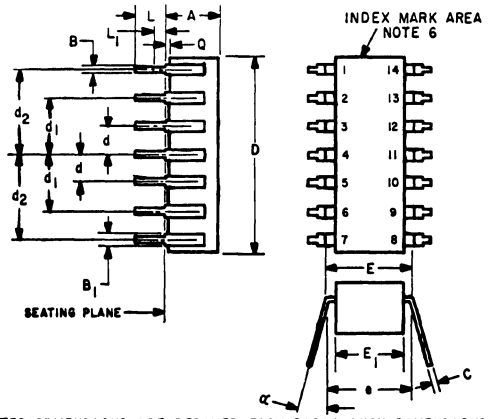


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN	INCHES MAX	MILLIMETERS MIN	MILLIMETERS MAX	NOTES
ØD	—	1.443	—	36.65	
$ØD_1$	1.109	1.212	28.2	30.7	1
E	1.212	1.250	30.79	31.75	2
F	.090	.400	2.3	10.1	5
J	1.313	2.250	33.4	57.1	1
ØM	.550	.625	13.97	15.87	6
N	.922	.985	23.42	25.01	
N_1	—	.156	—	3.96	6
ØT	.078	.109	1.99	2.76	
$ØT_1$	.234	.281	5.95	7.13	
$ØT_2$	.250	.281	6.35	7.13	7
ØW	.5828	.5889	14.804	14.958	8

NOTES:
1. Device body and terminals (with exception of hexagon) lie within the cylinder diameter $ØD_1$ and length J.
2. Position of terminals in relation to the hexagon is not controlled.
3. Four terminals. Omission of a maximum of one terminal is optional. Position of the terminals is optional. The number and position of terminals actually present are indicated in the product registration.
4. The use of either a hook or tab terminal contour is optional. An index point is required when the tab terminal (identical to the adjacent terminals) contour option is used.
5. A chamfer (or undercut) on one or both ends of hexagonal portional is optional.
6. Incomplete or undercut threads.
7. Use of tab extension is optional.
8. Pitch of diameter of 5/8-18 UNF-2A (coated) threads (ASA B1.1-1960).

TO 116

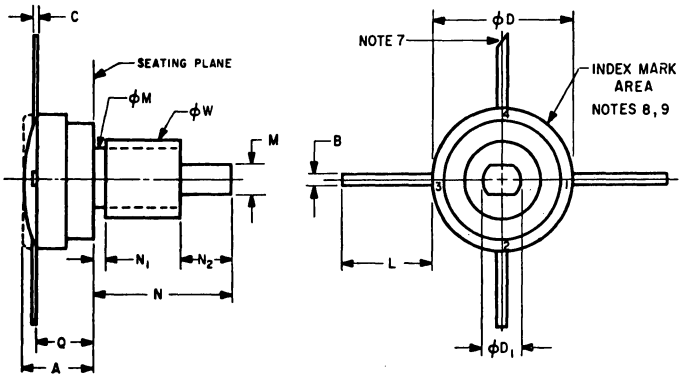


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	-	.200	-	5.08	
B	.015	.023	.381	.584	3,7
B_1	.030	.070	.77	1.77	3,7
C	.008	.015	.204	.381	3
D	.660	.785	17.4	19.9	
d	.090	.110	2.29	2.79	1
d_1	.190	.210	4.83	5.33	1
d_2	.290	.310	7.37	7.87	1
E	-	.325	-	8.25	5
E_1	.220	.280	5.59	7.11	
e	.290	.310	7.37	7.87	4
L	.100	-	2.540	-	1,3
L_1	-	.030	-	.76	2
Q	.020	-	.51	-	
α	0°	15°	0°	15°	

NOTES:
1. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL BE COUNTED WHEN NUMBERING LEADS FOR SPECIAL APPLICATIONS.
2. LEAD SPACING SHALL BE MEASURED WITHIN THIS ZONE.
3. TYPICAL ALL LEADS.
4. INSTALLED POSITION OF LEAD CENTERS.
5. OVERALL INSTALLED WIDTH.
6. INDEX TO BE VISIBLE FROM TOP, THIS END ONLY.
7. LEAD TRANSITION GEOMETRY FROM B TO B_1 OPTIONAL ON BODY SIDE OF SEATING PLANE.

TO 117

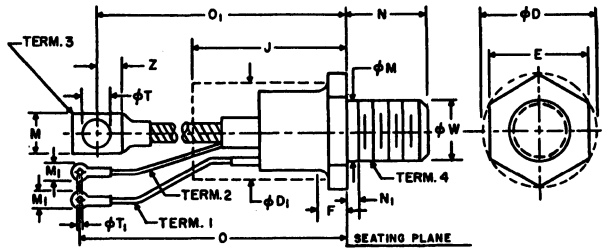


MILLIMETER DIMENSIONS DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.140	.230	3.56	5.84	1
B	.027	.033	.686	.838	2
C	.014	.016	.356	.406	2
ØD	.240	.380	6.1	9.6	1
$ØD_1$	.110	.129	2.80	3.27	3
L	.450	-	11.43	-	2,4
M	.055	.065	1.40	1.65	3
ØM	.120	.163	3.05	4.14	5
N	.425	.525	10.8	13.3	-
N_1	-	.078	-	1.98	5
N_2	.115	.145	2.93	3.68	3
Q	.110	.130	2.80	3.30	-
ØW	.1399	.1437	3.554	3.649	6

NOTES:
1. BODY CONTOUR OPTIONAL WITHIN ØD AND A.
2. TYPICAL ALL LEADS.
3. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO THE LEADS.
4. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
5. LENGTH (OR DIAMETER) OF INCOMPLETE OR UNDERCUT THREADS.
6. PITCH DIAMETER OF 8-32 UNC-2A (COATED) THREADS (ASA B1.1-1960).
7. LEAD 4 END CONFIGURATION OPTIONAL.
8. INDIX MARK TO BE VISIBLE FROM TOP.
9. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.

TO 118

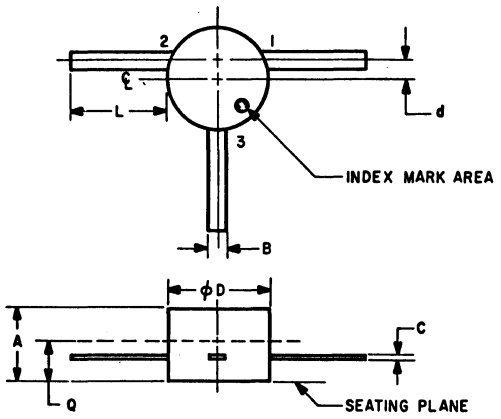


MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
ØD	-	1.949	-	49.50	-
$ØD_1$	-	1.631	-	41.42	1
E	1.631	1.688	41.43	42.87	-
F	.250	.500	6.4	12.7	5
J	-	4.000	-	101.60	1,7
M	.735	1.000	18.7	25.4	2
M_1	.260	.328	6.61	8.33	2,8
$ØM$	.660	.749	16.77	19.02	-
N	1.031	1.095	26.19	27.81	-
N_1	-	.156	-	3.96	3
O	9.640	10.140	244.9	257.5	-
O_1	9.400	9.780	238.8	248.4	-
$ØT$	.320	.448	8.2	11.3	-
$ØT_1$	.140	.172	3.56	4.36	-
$ØW$	.7029	.7094	17.854	18.018	4
Z	.375	-	9.53	-	6

NOTES:
1. THE BODY OF THE DEVICE WITH EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN ϕD_1 AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGON PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL.
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ϕM
4. PITCH DIAMETER OF 3/4-16UNF-2A (COATED) THREADS (ASA B1.1-1960)
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGON PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

TO 119

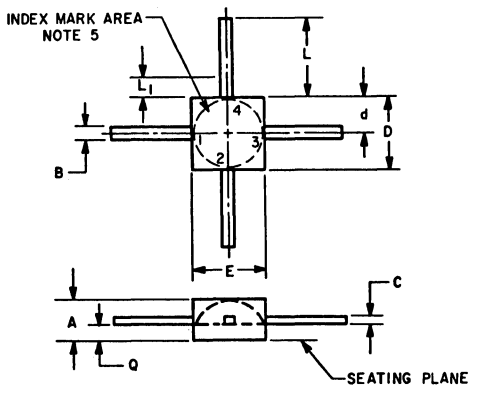


MILLIMETER DIMENSIONS DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.040	.065	1.02	1.65	1
B	.020	.028	.508	.711	2
C	.003	.005	.077	.127	2
ØD	.184	.225	4.68	5.71	1
d	-	.035	-	.88	3
L	.240	-	6.10	-	2,4
Q	-	.030	-	.76	3

NOTES:
1. CONTOUR OF BODY OPTIONAL WITHIN ØD AND A. ØD MIN. AND ØD MAX. APPLY ONLY TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. LEADS SHALL EMERGE FROM THE BODY WITHIN THE LIMITS INDICATED BY THE d AND Q DIMENSIONS.
4. MEASURED FROM GREATEST BODY DIAMETER OF ACTUAL DEVICE.

TO 120

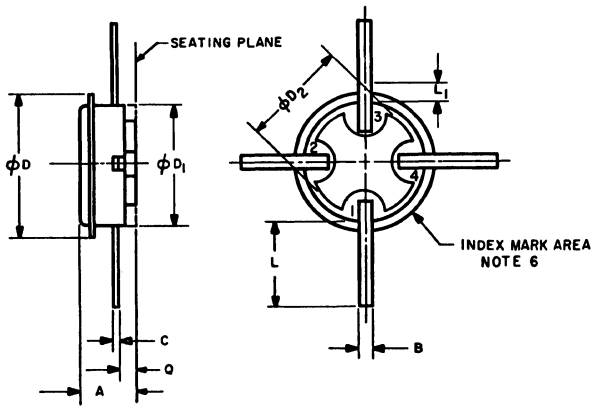


MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.030	.062	.77	1.57	1
B	.008	.019	.21	.48	2
C	.003	.007	.077	.177	2
d	.015	.046	.39	1.16	3
D	.067	.092	1.71	2.33	1
E	.067	.088	1.71	2.23	1
L	.100	-	2.54	-	2
L_1	-	.035	-	.88	2,4
Q	.007	.034	.18	.86	-

NOTES:
1. CONFIGURATION OF PACKAGE OPTIONAL WITHIN ZONE DEFINED BY A, D, AND E.
2. TYPICAL ALL LEADS.
3. THIS DIMENSION APPLIES TO LEADS 1 AND 3 ONLY.
4. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
5. INDEX TO BE VISIBLE FROM TOP.
6. OMISSION OF ONE LEAD OPTIONAL. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.

TO 121

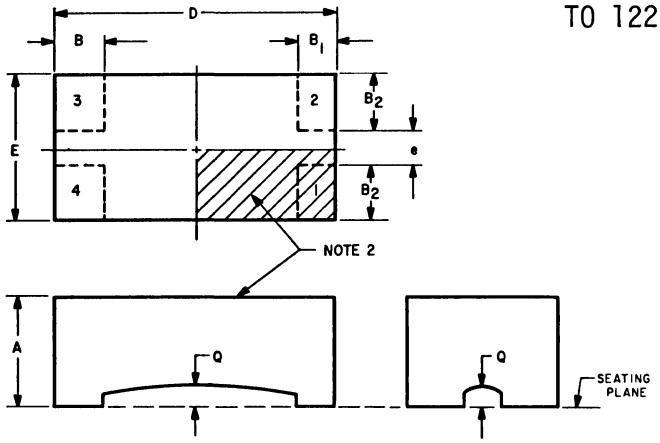


MILLIMETER DIMENSIONS DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.145	.200	3.69	5.08	-
B	.035	.046	.89	1.16	1
C	.012	.019	.305	.482	1
ØD	.593	.680	15.07	17.27	-
$ØD_1$	.520	.594	13.21	15.08	2
$ØD_2$	.480	-	12.20	-	3
L	.195	-	4.96	-	1,4
L_1	-	.105	-	2.66	1,4,5
Q	.005	.020	.13	.50	2

NOTES:
1. TYPICAL ALL LEADS.
2. CONFIGURATION OF PACKAGE OPTIONAL WITHIN ZONE DEFINED BY $ØD_1$ AND Q.
3. MINIMUM DIAMETER OF SEATING PLANE.
4. MEASURED FROM INTERSECTION OF LEAD AXIS AND BODY SURFACE OF DIAMETER $ØD_1$.
5. DIMENSIONS, CONFIGURATION, AND POSITION OF LEADS OPTIONAL IN THIS ZONE.
6. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.
7. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.

TO 122



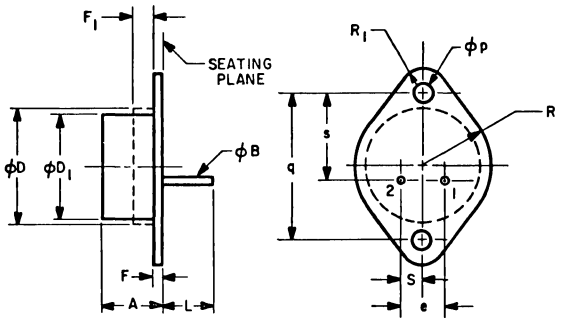
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	0.027	0.035	0.686	0.889	-
B	0.011	0.017	0.280	0.431	-
B_1	0.008	0.014	0.204	0.355	-
B_2	0.012	0.018	0.305	0.457	3
D	0.070	0.078	1.778	1.981	-
E	0.035	0.043	0.889	1.092	-
e	0.009	0.011	0.229	0.279	3
Q	-	-	-	-	1

NOTES:

1. DETAILS OF THE OUTLINE IN THIS ZONE ARE OPTIONAL EXCEPT THAT THE OUTLINE SHALL NOT EXTEND BEYOND THE SEATING PLANE.
2. AN INDEX MARK SHALL BE LOCATED ON THE TOP SURFACE IN THE QUADRANT ABOVE TERMINAL ONE.
3. THESE TOLERANCES ARE NON-CUMULATIVE.

TO 123



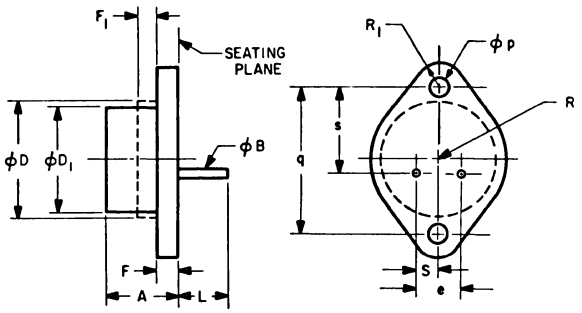
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.250	.340	6.35	8.63	-
ØB	.028	.034	.712	.863	-
ØD	-	.620	-	15.74	1
$ØD_1$	.470	.500	11.94	12.70	-
e	.190	.210	4.83	5.33	-
F	.020	.040	.51	1.01	2
F_1	-	.050	-	1.27	1
L	.360	-	9.15	-	-
Øp	.142	.152	3.61	3.86	-
q	.958	.962	24.334	24.434	-
R	-	.352	-	8.94	-
R_1	-	.147	-	3.73	-
S	.093	.107	2.37	2.71	-
s	.570	.590	14.48	14.98	-

NOTES:

1. OUTLINE CONTOUR OPTIONAL WITHIN ZONE DEFINED BY ØD AND F_1.
2. THE F DIMENSION DOES NOT INCLUDE SEALING FLANGES.

TO 124



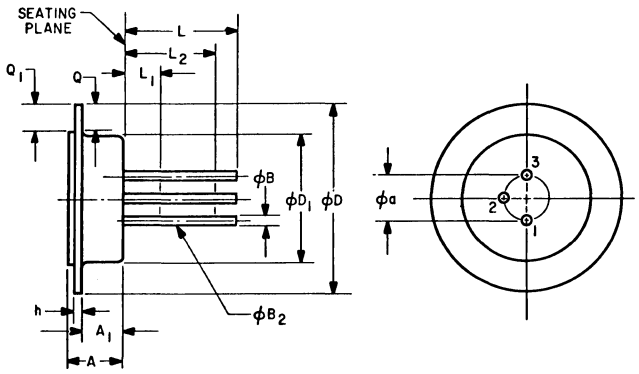
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.250	.355	6.4	9.0	-
ØB	.028	.034	.712	.863	-
ØD	-	.620	-	15.74	1
$ØD_1$	.470	.500	11.94	12.70	-
e	.190	.210	4.83	5.33	-
F	.085	.102	2.16	2.59	2
F_1	-	.050	-	1.27	1
L	.360	-	9.15	-	-
Øp	.142	.152	3.61	3.86	-
q	.958	.962	24.334	24.434	-
R	-	.352	-	8.94	-
R_1	-	.147	-	3.73	-
S	.093	.107	2.37	2.71	-
s	.570	.590	14.48	14.98	-

NOTES:

1. OUTLINE CONTOUR OPTIONAL WITHIN ZONE DEFINED BY ØD AND F_1.
2. THE F DIMENSION DOES NOT INCLUDE SEALING FLANGES.

TO 125



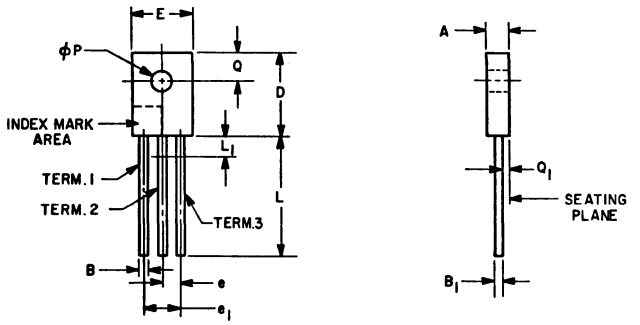
MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.099	.123	2.52	3.12	-
Øa	.100 T.P.		2.54 T.P.		2
ØB	.016	.021	.407	.533	1
$ØB_2$	.016	.019	.407	.482	1
ØD	.427	.433	10.846	10.998	-
$ØD_1$	.284	.290	7.214	7.366	-
h	.008	.012	.204	.304	-
L	.450	-	11.43	-	1
L_1	-	.050	-	1.27	1
L_2	.250	-	6.35	-	1
Q	.058	-	1.48	-	3
Q_1	.032	-	.82	-	3
A_1	.085	.101	2.16	2.56	-

NOTES:

1. $ØB_2$ APPLIES BETWEEN L_1 AND L_2. ØB APPLIES BETWEEN L_2 AND L. DIAMETER IS NOT CONTROLLED IN L_1.
2. THE CROSS SECTION OF EACH LEAD HAVING A MAXIMUM DIAMETER OF .019" (.482 MM) AND MEASURED IN A GAGING PLANE .054" (1.372 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE LIES IN A CIRCLE HAVING A DIAMETER OF .033" (.838 MM) CENTERED AT THE TRUE POSITION OF THE LEAD AXIS AT ITS POINT OF EXIT RELATIVE TO A .290" (7.366 MM) MAXIMUM BODY DIAMETER, $ØD_1$.
3. MINIMUM FLAT.

TO 126



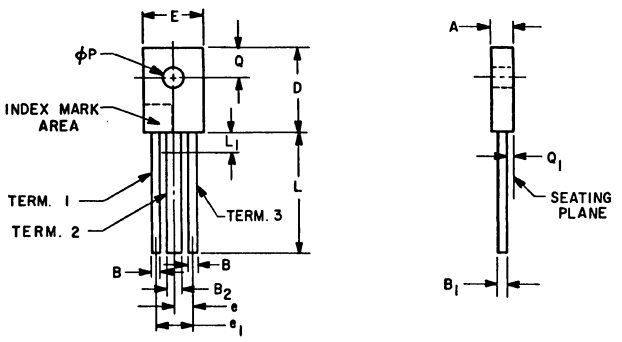
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.090	.120	2.29	3.04	-
B	.025	.035	.64	.88	4
B_1	.015	.025	.39	.63	-
D	.400	.450	10.16	11.43	-
E	.280	.330	7.12	8.38	-
e	.080	.100	2.04	2.54	3
e1	.160	.200	4.07	5.08	3
L	.595	.655	15.12	16.63	-
L_1	-	.100	-	2.54	1
ØP	.100	.130	2.54	3.30	-
Q	.130	.175	3.31	4.44	-
Q_1	.035	.065	.89	1.65	-

NOTES:

1. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY FLASH AND LEAD FINISH BUILD-UP.
2. MAXIMUM RADIUS OF .050 IN. (1.27 MM) ON ALL BODY EDGES AND CORNERS.
3. LEAD SPACING TO BE MEASURED BETWEEN .100 IN. (2.54 MM) AND .125 IN. (3.17 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.
4. TYPICAL ALL LEADS.

TO 127



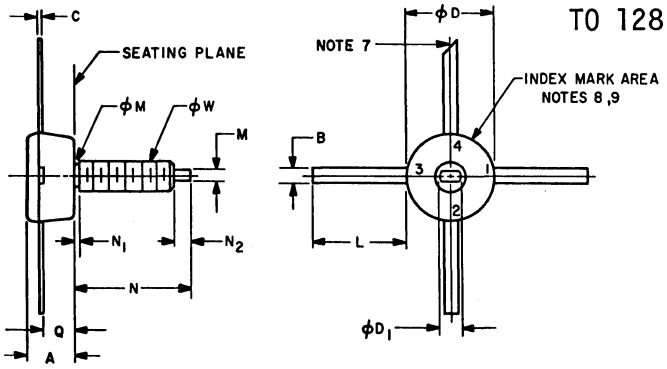
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.120	.150	3.05	3.81	-
B	.041	.051	1.05	1.29	-
B_1	.027	.037	.69	.93	-
B_2	.065	.075	1.66	1.90	-
D	.618	.668	15.70	16.96	-
E	.480	.530	12.20	13.46	-
e	.151	.181	3.84	4.59	3
e1	.302	.362	7.68	9.19	3
L	.595	.655	15.12	16.63	-
L_1	-	.125	-	3.17	1
ØP	.125	.155	3.18	3.93	-
Q	.180	.225	4.58	5.71	-
Q_1	.035	.065	.89	1.65	-

NOTES:

1. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY FLASH AND LEAD FINISH BUILD-UP.
2. MAXIMUM RADIUS OF .050 IN. (1.27 MM) ON ALL BODY EDGES AND CORNERS.
3. LEAD SPACING TO BE MEASURED BETWEEN .125 IN. (3.18 MM) AND .150 IN. (3.81 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

TO 128



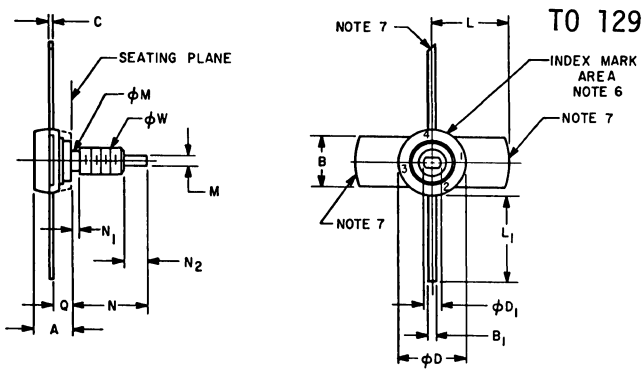
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.280	.285	7.112	7.239	1
B	.088	.092	2.236	2.336	2
C	.014	.016	.356	.406	2
ØD	.450	.500	11.43	12.70	1
$ØD_1$	.100	.120	2.54	3.04	3
L	.480	.500	12.20	12.70	2
M	.056	.064	1.423	1.625	3
ØM	.120	.163	3.05	4.14	-
N	.440	.460	11.18	11.68	-
N_1	-	.078	-	1.98	5
N_2	.115	.145	2.93	3.68	3
Q	.160	.170	4.07	4.31	-
ØW	.1399	.1437	3.554	3.649	6

NOTES:

1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO THE LEADS.
4. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
5. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
6. PITCH DIAMETER OF 8-32 UNC-2A (COATED) THREADS (ASA B1.1-1960).
7. LEAD 4 END CONFIGURATION OPTIONAL.
8. INDEX MARK TO BE VISIBLE FROM TOP.
9. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.

TO 129



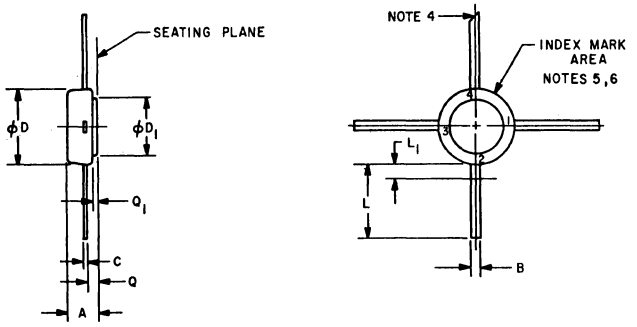
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.200	.230	5.08	5.84	1
B	.285	.295	7.24	7.49	-
B_1	.028	.032	.712	.812	-
C	.010	.012	.254	.304	2
ØD	.365	.370	9.271	9.398	1
$ØD_1$	.110	.129	2.80	3.27	3
L	.430	.440	10.93	11.17	-
L_1	-	.550	-	13.97	-
M	.056	.064	1.423	1.625	3
ØM	.120	.163	3.05	4.14	-
N	.440	.460	11.18	11.68	-
N_1	-	.078	-	1.98	4
N_2	.115	.145	2.93	3.68	3
Q	.110	.130	2.80	3.30	-
ØW	.1399	.1437	3.554	3.649	5

NOTES:

1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO THE LEADS.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
5. PITCH DIAMETER OF 8-32 UNC-2A (COATED) THREADS (ASA B1.1-1960).
6. INDEX MARK TO BE VISIBLE FROM TOP.
7. LEAD END CONFIGURATION OPTIONAL.

TO 130



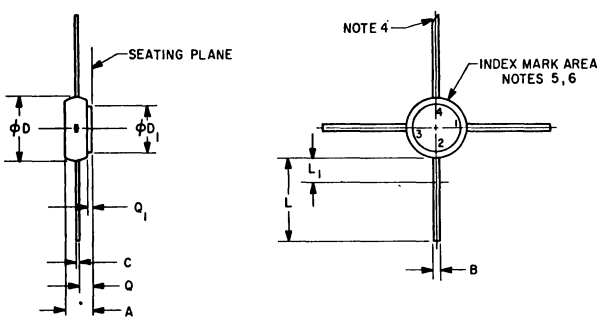
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.170	.180	4.32	4.57	1
B	.028	.032	.712	.812	2
C	.014	.016	.356	.406	2
ØD	.400	.455	10.16	11.55	1
ØD1	.320	.330	8.13	8.38	-
L	.475	.525	12.07	13.33	2,3
L1	-	.035	-	.88	2,7
Q	.055	-	1.40	-	-
Q1	.005	.020	.13	.50	-

NOTES:

1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
4. LEAD 4 END CONFIGURATION OPTIONAL.
5. INDEX MARK TO BE VISIBLE FROM TOP.
6. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.
7. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.

TO 131



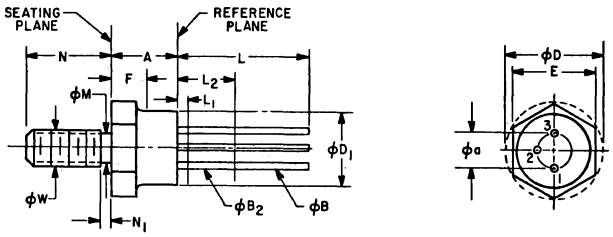
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.145	.185	3.69	4.69	1
B	.028	.032	.712	.812	2
C	.014	.016	.356	.406	2
ØD	.355	.375	9.02	9.52	1
ØD1	.270	.285	6.86	7.23	-
L	.450	.550	11.5	13.9	2,3
L1	-	.035	-	.88	2,7
Q	.055	-	1.40	-	-
Q1	.005	.020	.13	.50	-

NOTES:

1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
4. LEAD 4 END CONFIGURATION OPTIONAL.
5. INDEX MARK TO BE VISIBLE FROM TOP.
6. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.
7. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.

TO 132

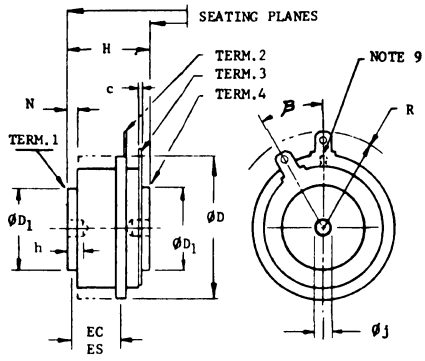


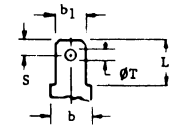
MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
A	.300	.350	7.62	8.89	-
Øa	.200 T.P.		5.08 T.P.		1
ØB	.016	.021	.407	.533	2
ØB2	.016	.019	.407	.482	2
ØD	.400	.505	10.2	12.8	-
ØD1	.390	.410	9.91	10.41	-
E	.423	.438	10.75	11.12	-
F	.120	.150	3.05	3.81	-
L	.475	-	12.07	-	2
L1	-	.050	-	1.27	2
L2	.250	-	6.35	-	2
ØM	.163	.189	4.15	4.80	6
N	.422	.453	10.72	11.50	-
N1	-	.078	-	1.98	6
ØW	.1658	.1697	4.212	4.310	3

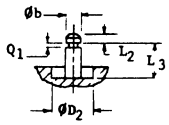
NOTES:

1. LEADS SHALL BE LOCATED RELATIVE TO EACH OTHER SUCH THAT THE CROSS SECTION OF EACH LEAD HAVING A MAXIMUM DIAMETER OF .019" (.482 MM) AND MEASURED IN A GAGING PLANE .054" (1.372 MM) + .001" (.025 MM) - .000" (.000 MM) ABOVE THE REFERENCE PLANE LIES IN A CIRCLE HAVING A DIAMETER OF .033" (.84 MM) CENTERED AT THE TRUE POSITION OF THE LEAD AXIS AT ITS POINT OF EXIT. POSITION OF LEAD GROUPING IN RELATION TO THE BODY IS NOT CONTROLLED.
2. (ALL LEADS) DIAMETER IS NOT CONTROLLED IN L_1 AND BEYOND L. $ØB_2$ APPLIES BETWEEN L_1 AND L_2. ØB APPLIES BETWEEN L_2 AND L.
3. PITCH DIAMETER OF 10-32 UNF-2A (COATED) THREADS. (ASA B1.1-1960).
4. ORIENTATION OF LEAD GROUPING IN RELATION TO THE HEXAGON IS NOT CONTROLLED.
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
6. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.





DETAIL OF TAB TERM.



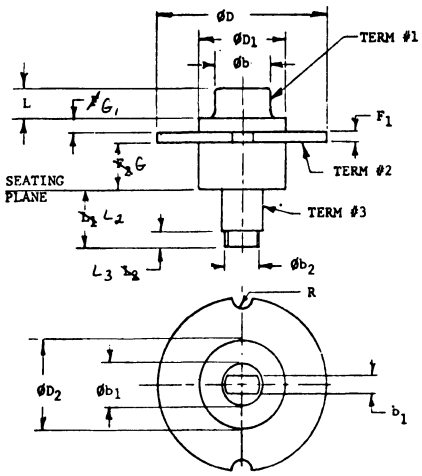
DETAIL OF RND TERM.

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Package contour optional between Term. 1 & 2 and between Term. 2 & 3 within ØD. Term. 2 & 3 must be located to make the outline non-symmetrical.
3. Term. 2 & 3 are both tab type terminals.
4. Minimum electrical creepage length between Term. 1 & 2 and between Term. 1 & 3.
5. Minimum electrical strike distance between Term. 1 & 2 and between Term. 1 & 3.
6. Surfaces flat within .0015 per inch.
7. Typical two places.
8. Term. 2 is round type and Term. 3 is tab type.
9. Round term. used on some variations for Term. 2 only.
10. L_3 is for connector clearance. Counterbore $ØD_2$ is optional.

SYMBOL	INCHES								MILLIMETERS								NOTE
	AA		AB		AC				AA		AB		AC				
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
b	.186	.312	.186	.312	.186	.312			4.73	7.92	4.73	7.92	4.73	7.92			
b_1	.186	.191	.186	.191	.186	.191			4.725	4.851	4.725	4.851	4.725	4.851			
Øb	—	—	.057	.059	.057	.059			—	—	1.448	1.498	1.448	1.498			
c	.014	.019	.014	.019	.014	.019			.356	.482	.356	.482	.356	.482			
ØD	1.420	1.700	1.420	1.700	2.200	2.500			36.07	43.18	36.07	43.18	55.88	63.50			2
$ØD_1$	.730	1.165	.730	1.165	1.031	1.500			18.55	29.59	18.55	29.59	26.19	38.10			6
$ØD_2$	—	—	.100	—	.100	—			—	—	2.54	—	2.54	—			10
EC	.300	—	.300	—	1.000	—			7.62	—	7.62	—	25.40	—			4
ES	.300	—	.250	—	.500	—			7.62	—	6.35	—	12.70	—			5
H	.490	.600	.490	.600	1.000	1.065			12.45	15.24	12.45	15.24	25.40	27.05			
h	.050	.125	.050	.125	.060	.160			1.27	3.17	1.27	3.17	1.27	4.06			7
$Ø_j$	.123	.145	.123	.145	.123	.145			3.13	3.68	3.13	3.68	3.13	3.68			7
L	.245	.760	.245	.760	.245	.760			6.23	19.30	6.23	19.30	6.23	19.30			
L_2	—	—	.025	.065	.025	.065			—	—	.64	1.65	.64	1.65			
L_3	—	—	.100	—	.100	—			—	—	2.54	—	2.54	—			10
N	.010	.100	.010	.100	.030	.110			.26	2.54	.26	2.54	.77	2.79			7
Q_1	—	—	.010	.020	.010	.020			—	—	.254	.508	.254	.508			
R	.610	1.125	.610	1.125	—	1.435			15.50	28.57	15.50	28.57	—	36.44			
S	.115	.140	.115	.140	.115	.140			2.93	3.55	2.93	3.55	2.93	3.55			
ØT	.050	.070	.050	.070	.050	.070			1.27	1.77	1.27	1.77	1.27	1.77			
β	20°	50°	15°	50°	15°	50°			20°	50°	15°	50°	15°	50°			
NOTE	1, 3		1, 8		1, 8				1, 3		1, 8		1, 8				

TO 201

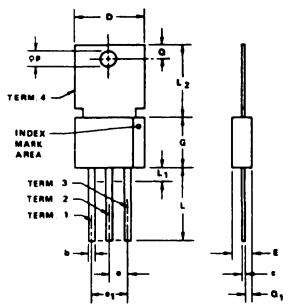


SYMBOL	INCHES		MILLIMETERS		NOTE
	AA		AA		
	MIN.	MAX.	MIN.	MAX.	
b_1	.045	.055	1.143	1.397	
Øb	.165	.175	4.191	4.445	
$Øb_1$	.115	.125	2.921	3.175	
$Øb_2$	.090	.110	2.29	2.79	
ØD	.495	.505	12.573	12.827	
$ØD_1$	.245	.255	6.223	6.477	
$ØD_2$	.245	.255	6.223	6.477	
F_1	.145	.175	3.69	4.44	
G	.045	.060	1.15	1.52	
G_1	.025	.035	.635	.889	
L	.095	.115	2.42	2.92	
L_2	.165	.195	4.20	4.95	
L_3	.040	.060	1.02	1.52	
R	.027	.033	.686	.838	
NOTE	1		1		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No 76.

TO 202

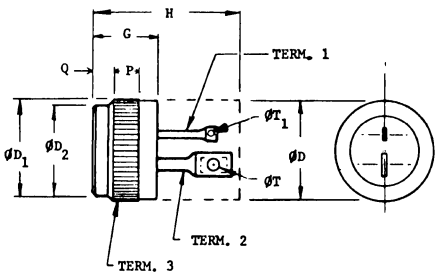


NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5, 1966.
3. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD IRREGULARITIES.
4. LEAD SPACING TO BE MEASURED BETWEEN 3.175 AND 3.810 FROM POINT OF EMERGENCE FROM THE BODY.
5. CONTROLLING DIMENSIONS: INCH.
6. MILLIMETER DIMENSIONS ARE TAKEN TO THE SAME NUMBER OF PLACES BEYOND THE DECIMAL POINT AS THE CORRESPONDING INCH DIMENSIONS. MAXIMUM CONVERSION ERROR IS NO MORE THAN .02 TIMES THE SMALLEST UNIT VALUE OF CORRESPONDING INCH DIMENSIONS.

SYMBOL	INCHES		MILLIMETERS		NOTE
	AA		AA		
	MIN.	MAX.	MIN.	MAX.	
b	.045	.055	1.143	1.397	
c	.010	.026	.254	.660	
D	.360	.400	9.144	10.160	
E	.120	.190	3.048	4.826	
e	.095	.105	2.413	2.667	4
e_1	.190	.210	4.826	5.334	4
G	.280	.320	7.112	8.128	
L	.371	.520	9.424	13.208	
L_1	--	.100	--	2.540	3
L_2	.480	.520	12.192	13.208	
ØP	.123	.132	3.125	3.352	
Q	.095	.155	2.413	3.937	
Q_1	.039	.076	.991	1.930	4

TO 203

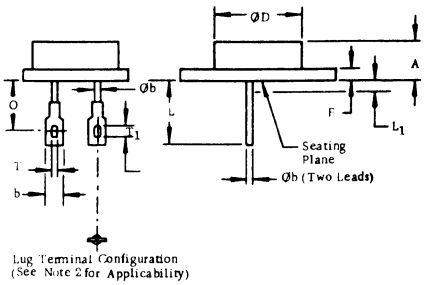


SYMBOL	INCHES		MILLIMETERS		NOTE
	AA		AA		
	MIN.	MAX.	MIN.	MAX.	
ØD	—	.510	—	12.95	2
$ØD_1$	.501	.505	12.726	12.827	5
$ØD_2$	.465	.475	11.811	12.065	
G	.330	.380	8.39	9.65	
H	—	.800	—	20.32	
P	.100	—	2.54	—	5
Q	.080	.097	2.04	2.46	
ØT	.065	.090	1.66	2.28	3, 4
$ØT_1$	.035	.068	.89	1.72	4, 6
NOTE	1		1		

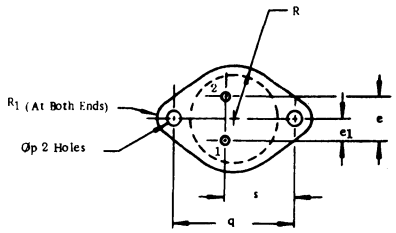
NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Outline contour is optional within zone defined by ØD and P min. and H max.
3. Elongated hole in terminal is optional.
4. Contour and orientation of Term. 1 & 2 are not defined.
5. Straight knurl surface.
6. Term. 1 to be shorter than Term. 2 for identification.

TO 204



Lug Terminal Configuration (See Note 2 for Applicability)

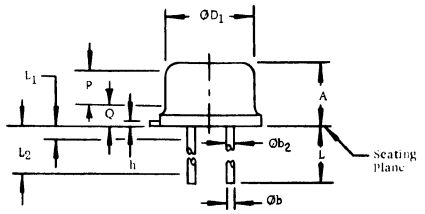


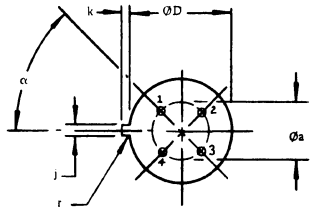
NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Lug terminal configuration required.
3. Lug terminal configuration not applicable--straight pins required.
4. Square or radius on end of terminal and hole configuration optional.
5. These dimensions should be measured at points .050 - .055 below seating plane. When gauge is not used, measurement will be made at the seating plane.
6. Øb applies between L_1 and L. Diameter is uncontrolled in L_1.
7. The seating plane of the header shall be flat .001 concave to .004 convex inside a .930 diameter circle on the center of the header and flat within .001 concave to .006 convex overall.

SYMBOL	INCHES								MILLIMETERS								NOTE
	MA		MB		MC				MA		MB		MC				
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.250	.450	.250	.450	.250	.450			6.35	11.35	6.35	11.43	6.35	11.43			
b	—	—	.125	.210	—	—			—	—	3.18	5.33	—	—			3
Øb	.038	.043	.038	.053	.048	.053			.966	1.092	.97	1.34	1.220	1.346			3
ØD	—	.875	—	.875	—	.875			—	22.22	—	22.22	—	22.22			
e	.420	.440	.420	.440	.420	.440			10.67	11.17	10.67	11.17	10.67	11.17			4
e_1	.205	.225	.205	.225	.205	.225			5.21	5.71	5.21	5.71	5.21	5.71			4
F	.060	.135	.060	.135	.060	.135			1.53	3.42	1.53	3.42	1.53	3.42			
L	.312	.500	.560	.680	.312	.500			7.93	12.70	14.23	17.27	7.93	12.70			
L_1	—	.050	—	.050	—	.050			—	1.27	—	1.27	—	1.27			6
O	—	—	.500	.581	—	—			—	—	12.70	14.75	—	—			
Øp	.151	.161	.151	.161	.151	.161			3.836	4.089	3.836	4.089	3.836	4.089			
q	1.177	1.197	1.177	1.197	1.177	1.197			29.90	30.40	29.90	30.40	29.90	30.40			
R	.495	.525	.495	.525	.495	.525			12.58	13.33	12.58	13.33	12.58	13.33			
R_1	.131	.188	.131	.188	.131	.188			3.33	4.77	3.33	4.77	3.33	4.77			
s	.655	.675	.655	.675	.655	.675			16.64	17.14	16.64	17.14	16.64	17.14			
T	—	—	.072	.120	—	—			—	—	1.83	3.04	—	—			
T_1	—	—	.072	.170	—	—			—	—	1.83	4.31	—	—			
NOTE	1, 3, 7		1, 2, 7		1, 3, 7				1, 3, 7		1, 2, 7		1, 3, 7				

TO 205



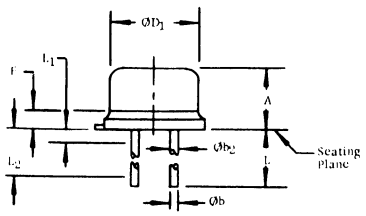


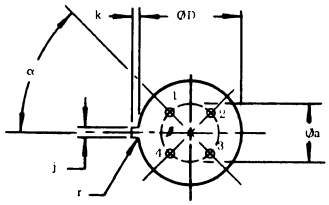
NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No 76.
2. Lead number 4 omitted on this outline.
3. Tab omitted in this variation.
4. Beyond r max, j must be held for a minimum length of .011.
5. k measured from max ØD.
6. Details of outline in this zone optional.
7. $ØD_1$ shall not vary more than .010 in zone P. This zone is controlled for automatic handling.
8. Leads at gauge plane .054-.055 below seating plane shall be within .007 radius of True Position (TP) at maxiumum material condition (MMC) relative to tab at MMC. The device may be measured by direct methods or by the gauge and gauging procedure described on gauge drawing GS-1.
9. $Øb_2$ applies between L_1 and L_2. Øb applies between L_2 and L min. Diameter is uncontrolled in L_1 and beyond L min.

SYMBOL	INCHES								MILLIMETERS								NOTE
	MA		MB		MC		MD		MA		MB		MC		MD		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.240	.260	.200	.260	.240	.260	.240	.260	6.10	6.60	5.08	6.60	6.10	6.60	6.10	6.60	
Øa	.200 TP		.200 TP		.200 TP		.200 TP		5.080 TP		5.080 TP		5.080 TP		5.080 TP		8
Øb	.016	.021	.016	.021	.016	.021	.016	.021	.407	.533	.407	.533	.407	.533	.407	.533	9
$Øb_2$	.016	.019	.016	.019	.016	.019	.016	.019	.407	.482	.407	.482	.407	.482	.407	.482	9
ØD	.335	.370	.290	.370	.335	.370	.335	.370	8.51	9.39	7.37	9.39	8.51	9.39	8.51	9.39	
$ØD_1$	.305	.335	.275	.335	.305	.335	.305	.335	7.75	8.50	6.99	8.50	7.75	8.50	7.75	8.50	
h	.009	.041	-	-	.009	.041	.009	.041	.23	1.04	-	-	.23	1.04	.23	1.04	
j	.028	.034	-	-	.028	.034	.028	.034	.712	.863	-	-	.712	.863	.712	.863	4
k	.029	.045	-	-	.029	.045	.029	.045	.74	1.14	-	-	.74	1.14	.74	1.14	4,5
L	1.500	1.750	1.500	1.750	1.500	1.750	.500	.750	38.10	44.45	38.10	44.45	38.10	44.45	12.70	19.05	9
L_1	-	.050	-	.050	-	.050	-	.050	-	1.27	-	1.27	-	1.27	-	1.27	9
L_2	.250	-	.250	-	.250	-	.250	-	6.35	-	6.35	-	6.35	-	6.35	-	9
P	.100	-	.100	-	.100	-	.100	-	2.54	-	2.54	-	2.54	-	2.54	-	7
Q	-	.050	-	.075	-	.050	-	.050	-	1.27	-	1.90	-	1.27	-	1.27	6
r	-	.010	-	-	-	.010	-	.010	-	.254	-	-	-	.254	-	.254	
α	45° TP		-	-	45° TP		45° TP		45° TP		-	-	45° TP		45° TP		8
NOTE	1,2		1,2,3		1		1,2		1, 2		1. 2. 3		1		1,2		

TO 206



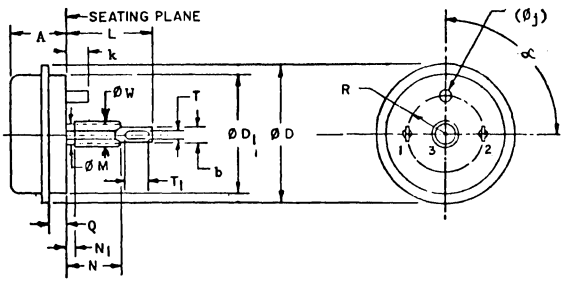


NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Lead number 4 omitted in this variation.
3. Body contour optional within zone defined by ØD-$ØD_1$ and F.
4. Beyond r max, j must be held for a minimum length of .011.
5. Leads at gauge plane shall be within .007 radius of True Position (TP) at maximum material condition (MMC) relative to tab at MMC. The device may be measured by direct methods or by the gauge and gauging procedure described on gauge drawing GS-2.
6. $Øb_2$ applies between L_1 and L_2. Øb applies between L_2 and L min. Diameter is uncontrolled in L_1 and beyond L min.
7. k measured from maximum ØD of actual device.

SYMBOL	INCHES								MILLIMETERS								NOTE
	MA		MB		MC		MD		MA		MB		MC		MD		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.170	.210	.065	.085	.115	.150	.170	.210	4.32	5.33	1.66	2.15	2.93	3.81	4.32	5.33	
Øa	.100 TP		.100 TP		.100 TP		.100 TP		2.540 TP		2.540 TP		2.540 TP		2.540 TP		5
Øb	.016	.021	.016	.021	.016	.021	.016	.021	.407	.533	.407	.533	.407	.533	.407	.533	6
$Øb_2$	.016	.019	.016	.019	.016	.019	.016	.019	.407	.482	.407	.482	.407	.482	.407	.482	6
ØD	.209	.230	.209	.230	.209	.230	.209	.230	5.31	5.84	5.31	5.84	5.31	5.84	5.31	5.84	
$ØD_1$	.178	.195	.178	.195	.178	.195	.178	.195	4.53	4.95	4.53	4.95	4.53	4.95	4.53	4.95	
F	-	.040	-	.030	-	.040	-	.040	-	1.01	-	.76	-	1.01	-	1.01	
j	.036	.046	.036	.046	.036	.046	.036	.046	.915	1.168	.915	1.168	.915	1.168	.915	1.168	3 4
k	.028	.048	.028	.048	.028	.048	.028	.048	.72	1.21	.72	1.21	.72	1.21	.72	1.21	4,7
L	.500	.750	.500	.750	.500	.750	.500	.750	12.70	19.05	12.70	19.05	12.70	19.05	12.70	19.05	6
L_1	-	.050	-	.050	-	.050	-	.050	-	1.27	-	1.27	-	1.27	-	1.27	6
L_2	.250	-	.250	-	.250	-	.250	-	6.35	-	6.35	-	6.35	-	6.35	-	6
r	-	.010	-	.010	-	.010	-	.010	-	.254	-	.254	-	.254	-	.254	
α	45° TP		45° TP		45° TP		45° TP		45° TP		45° TP		45° TP		45° TP		5
NOTE	1,2		1,2		1,2		1		1,2		1,2		1,2		1		

TO 207

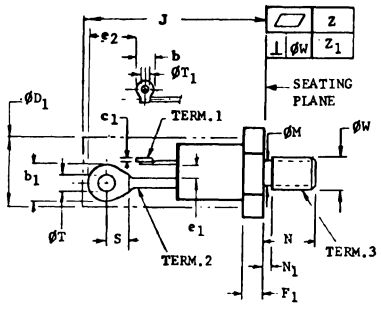


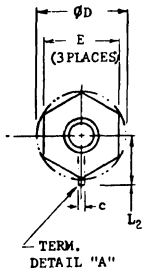
SYMBOL	INCHES		MILLIMETERS		NOTE
	MA		MA		
	MIN.	MAX.	MIN.	MAX.	
A	.275	.520	6.99	13.20	
b	.120	.190	3.05	4.82	
ØD	—	1.250	—	31.75	
ØD1	.990	1.010	25.15	25.65	
Øj	.090	.140	2.29	3.55	2
k	.100	.312	2.54	7.92	2
L	.610	.710	15.50	18.03	
Q	.050	.218	1.27	5.53	
ØM	.166	.189	4.22	4.80	
N	.375	.500	9.53	12.70	
N1	—	.078	—	1.98	
R	.335	.355	8.51	9.01	
T	.070	.120	1.78	3.04	
T1	.120	.145	3.05	3.68	
ØW	10-32 UNF-2A		10-32 UNF-2A		3
α	85°	95°	85°	95°	4
NOTE	1		1		

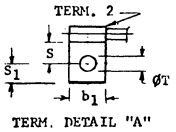
NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Mechanical index (insulated).
3. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part 1.
4. Measured at seating plane.

TO 208





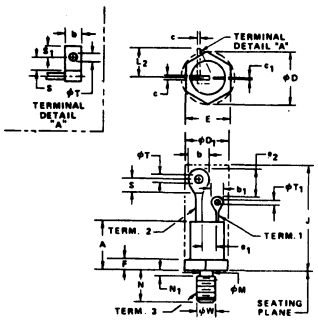


NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Device contour except on hex and noted terminal dimension is optional within zone defined by ØD1 and J, ØD1 not to exceed actual E.
3. Chamfer or undercut on one or both ends of the hexagonal portion is optional.
4. Contour and angular orientation of terminals 1 and 2 with respect to hexagonal portion are optional.
5. Min. flat.
6. Minimum spacing between terminals 1 and 2 at all points.
7. Minimum difference in terminal lengths to establish datum line for numbering terminals.
8. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part 1.
9. Term. Detail "A" applies to this variation.

SYMBOL	INCHES								MILLIMETERS								NOTE
	MA		MB		MC				MA		MB		MC				
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
b	.115	.140	.080	.136	.115	.160			2.93	3.55	2.04	3.45	2.93	4.06			4
b1	.210	.300	.080	.136	.360	.480			5.34	7.62	2.04	3.45	9.15	12.19			4
c	—	—	—	—	.059	.115			—	—	—	—	1.50	2.92			
c1	—	—	—	—	.030	.050			—	—	—	—	.77	1.27			
ØD	—	.650	—	.505	—	1.227			—	16.51	—	12.82	—	31.16			
ØD1	—	.544	—	.423	—	1.031			—	13.81	—	10.74	—	26.18			2
E	.544	.563	.423	.438	1.031	1.063			13.82	14.30	10.75	11.12	26.19	27.00			
e1	—	—	.013	—	—	—			—	—	.34	—	—	—			
e2	.125	—	.060	—	—	—			3.18	—	1.53	—	—	—			7
F1	.075	.200	.060	.175	.170	.500			1.91	5.08	1.53	4.44	4.32	12.70			3
J	—	1.193	.700	.855	—	1.810			—	30.30	17.78	21.71	—	45.97			2
L2	—	—	—	—	—	.650			—	—	—	—	—	16.51			
ØM	.220	.249	.163	.189	.425	.499			5.59	6.32	4.15	4.80	10.80	12.67			
N	.422	.453	.400	.453	.797	.827			10.72	11.50	10.16	11.50	20.25	21.00			
N1	—	.090	—	.078	—	.125			—	2.28	—	1.98	—	3.17			
S	.120	—	—	—	.180	—			3.05	—	—	—	4.58	—			4,5
S1	—	—	—	—	.180	—			—	—	—	—	4.58	—			4
ØT	.125	.165	.040	.075	.180	.260			3.18	4.19	1.02	1.90	4.58	6.60			
ØT1	.060	.075	.040	.075	.060	.080			1.53	1.90	1.02	1.90	1.53	2.03			
ØW	1/4-28	UNF-2A	10-32	UNF-2A	1/2-20	UNF-2A			1/4-28	UNF-2A	10-32	UNF-2a	1/2-20	UNF-2A			8
Z	—	.002	—	.002	—	.003			—	.050	—	.050	—	.076			
Z1	—	.006	—	.006	—	.006			—	.152	—	.152	—	.152			
NOTE	1		1		1, 9				1		1		1, 9				

TO 208A



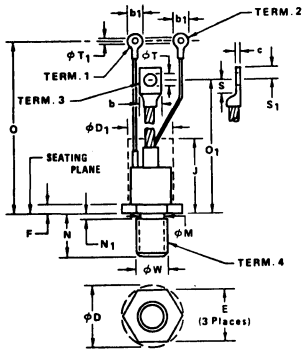
SYMBOL	INCHES												NOTE
	AA		AB		AC		AD		AE		AF		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.330	.505	.300	.400	.300	.565	-	-	-	-	-	.545	
b	.210	.300	.080	.136	.200	.300	.360	.470	.220	.375	-	-	5,6
b_1	-	.140	.080	.136	.100	.140	.115	.160	.125	.187	-	-	5,6
c	-	-	-	-	-	-	.060	.115	.065	.100	-	-	5,6
c_1	-	-	-	-	-	-	.012	.050	.025	.075	-	-	5,6
ϕD	-	.650	-	.505	-	.794	-	1.227	-	.866	-	.650	
ϕD_1	-	.544	-	.424	-	.667	-	1.031	-	.728	-	.544	3
E	.545	.563	.423	.438	.669	.688	1.031	1.063	.728	.750	.545	.563	
e_1	-	-	.013	-	-	-	-	-	-	-	-	-	8
e_2	.125	-	.060	-	.110	-	-	-	-	-	-	-	9
F	.075	.200	.060	.174	.075	.200	.170	.500	.075	.205	.075	.210	4
J	-	1.193	.700	.855	1.000	1.250	-	1.810	1.200	1.560	-	.950	3
L_2	-	-	-	-	-	-	-	.650	-	-	-	-	
ϕH	.223	.249	.166	.189	.223	.249	.462	.498	.281	.311	.223	.249	
N	.422	.453	.400	.453	.422	.453	.797	.827	.485	.515	.420	.455	
N_1	-	.089	-	.078	-	.089	-	.125	-	.104	-	.089	
S	.120	-	-	-	.120	-	.180	-	.140	-	-	-	7
S_1	-	-	-	-	-	-	.180	-	-	-	-	-	
ϕT	.125	.165	.040	.075	.125	.165	.180	.260	.140	.155	.065	.090	12
ϕT_1	.060	-	.040	.075	.055	.075	.060	.080	.050	.070	.035	.068	
ϕW	1/4-28 UNF-2A		10-32 UNF-2A		1/4-28 UNF-2A		1/2-20 UNF-2A		5/16-24 UNF-2A		1/4-28 UNF-2A		10
NOTE	1, 2, 13		1, 2, 13		1, 2, 13		1, 2, 11, 13		1, 2, 13		1, 2, 13		

SYMBOL	MILLIMETERS												NOTE
	AA		AB		AC		AD		AE		AF		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	8.382	12.827	7.620	10.160	7.620	14.351	-	-	-	-	-	13.843	
b	5.334	7.620	2.032	3.454	5.080	7.620	9.144	11.938	5.588	9.525	-	-	5,6
b_1	-	3.556	2.032	3.454	2.540	3.556	2.921	4.064	3.175	4.749	-	-	5,6
c	-	-	-	-	-	-	1.524	2.921	1.651	2.540	-	-	
c_1	-	-	-	-	-	-	.305	1.270	.635	1.905	-	-	
ϕD	-	16.510	-	12.827	-	20.167	-	31.165	-	21.996	-	16.510	
ϕD_1	-	13.817	-	10.769	-	16.941	-	26.187	-	18.491	-	13.817	3
E	13.843	14.300	10.745	11.125	16.993	17.475	26.188	27.000	18.491	19.050	13.843	14.300	
e_1	-	-	.331	-	-	-	-	-	-	-	-	-	8
e_2	3.175	-	1.524	-	2.794	-	-	-	-	-	-	-	9
F	1.905	5.080	1.524	4.419	1.905	5.080	4.318	12.700	1.905	5.207	1.905	5.334	4
J	-	30.302	17.780	21.717	25.400	31.750	-	45.974	30.480	39.624	-	24.130	3
L_2	-	-	-	-	-	-	-	16.510	-	-	-	-	
ϕH	5.665	6.324	4.217	4.800	5.665	6.324	11.735	12.649	7.138	7.899	5.665	6.324	
N	10.719	11.506	10.160	11.506	10.719	11.506	20.244	21.005	12.319	13.081	10.668	11.557	
N_1	-	2.260	-	1.981	-	2.260	-	3.175	-	2.641	-	2.260	
S	3.048	-	-	-	3.048	-	4.572	-	3.556	-	-	-	7
S_1	-	-	-	-	-	-	4.572	-	-	-	-	-	
ϕT	3.175	4.191	1.016	1.905	3.175	4.191	4.572	6.604	3.556	3.937	1.651	2.286	12
ϕT_1	1.524	-	1.016	1.905	1.397	1.905	1.524	2.032	1.270	1.778	.889	1.727	
ϕW	1/4-28 UNF-2A		10-32 UNF-2A		1/4-28 UNF-2A		1/2-20 UNF-2A		5/16-24 UNF-2A		1/4-28 UNF-2A		10
NOTE	1, 2, 13, 14		1, 2, 13, 14		1, 2, 13, 14		1, 2, 11, 13, 14		1, 2, 13, 14		1, 2, 13, 14		

NOTES:

1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1966.
3. Device contour except on noted dimensions is optional within zone defined by ϕD_1 and J. ϕD_1 not to exceed actual E.
4. A chamfer (or undercut) on one or both ends of the hexagonal portion is optional.
5. Position of leads in relation to hexagon is not controlled.
6. Angular orientation of terminal(s) is optional.
7. Minimum flat.
8. Minimum spacing between Terminal 1 and 2 at all points.
9. Minimum difference in terminal lengths to establish datum line for numbering terminals.
10. Coated threads shall meet the requirements of ANSI B1.1-1960.
11. Terminal Detail "A" applies to this variation.
12. Elongated hole in terminal is optional.
13. Controlling dimensions: inch.
14. Millimeter dimensions are taken to the same number of places beyond the decimal point as the corresponding inch dimensions. Maximum conversion error is no more than .02 times the smallest unit value of corresponding inch dimensions.

TO 209A



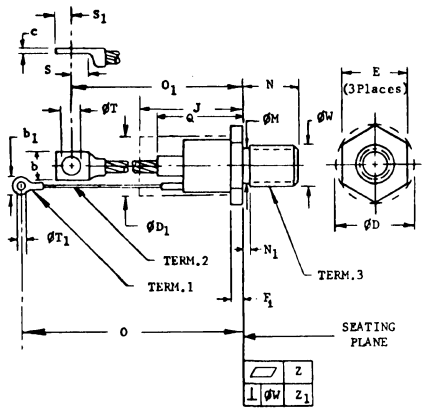
SYMBOL	INCHES										NOTE
	AA		AB		AC		AD		AE		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
b	.437	.650	.530	.755	.437	.650	.735	1.000	.735	1.000	8
b_1	.215	.310	.215	.300	.215	.300	.218	.328	.260	.328	7,8
c	.055	.110	-	-	-	-	-	-	-	-	
ϕD	-	1.227	-	1.443	-	1.227	-	1.949	-	1.949	
ϕD_1	-	1.031	-	1.212	-	1.031	-	1.631	-	1.631	3
E	1.031	1.063	1.212	1.250	1.031	1.063	1.631	1.688	1.631	1.688	
F	.170	.500	.230	1.000	.170	.500	.250	.500	.250	.500	4
J	-	2.500	-	3.625	-	2.500	-	4.000	-	4.000	3,5
ϕM	.462	.499	.703	.749	.462	.499	.938	.998	.703	.749	
N	.797	.827	1.047	1.077	.797	.827	1.375	1.535	1.031	1.095	
N_1	-	.125	-	.156	-	.125	-	.210	-	.156	
O	6.850	7.500	7.350	8.100	6.850	7.500	9.640	10.140	9.640	10.140	
O_1	5.775	6.265	7.350	8.100	5.775	6.265	9.400	9.780	9.400	9.780	
S	.250	-	.340	-	.250	-	.375	-	.375	-	10
S_1	-	.325	-	.350	-	.350	-	.448	-	.448	
ϕT	.250	.310	.260	-	.260	.310	.320	-	.320	-	
ϕT_1	.140	.150	.140	.155	.140	.150	.140	.172	.140	.172	
ϕW	1/2-20 UNF-2A		3/4-16UNF-2A		1/2-20 UNF-2A		1-12 UNF-2A		3/4-16 UNF-2A		11
NOTE	1, 2, 6, 9, 12		1, 2, 6, 12		1, 2, 6, 12		1, 2, 6, 12		1, 2, 6, 12		

SYMBOL	MILLIMETERS										NOTE
	AA		AB		AC		AD		AE		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
b	11.100	16.510	13.462	19.177	11.100	16.510	18.669	25.400	18.669	25.400	8
b_1	5.461	7.620	5.461	7.620	5.461	7.620	5.538	8.331	6.604	8.331	7,8
c	1.397	2.794	-	-	-	-	-	-	-	-	
ϕD	-	31.165	-	36.652	-	31.165	-	49.504	-	49.504	
ϕD_1	-	26.187	-	30.784	-	26.187	-	41.427	-	41.427	3
E	26.188	27.000	30.785	31.750	26.188	27.000	41.428	42.875	41.428	42.875	
F	4.318	12.700	5.842	25.400	4.318	12.700	6.350	12.700	6.350	12.700	4
J	-	63.500	-	92.075	-	63.500	-	101.600	-	101.600	3,5
ϕM	11.735	12.674	17.857	19.024	11.735	12.674	23.826	25.349	17.857	19.024	
N	20.244	21.005	26.594	27.355	20.244	21.005	34.925	38.989	26.188	27.813	
N_1	-	3.175	-	3.962	-	3.175	-	5.334	-	3.962	
O	173.990	190.500	186.690	205.740	173.990	190.500	244.856	257.556	244.856	257.556	
O_1	146.685	159.131	186.690	205.740	146.685	159.131	238.760	248.412	238.760	248.412	
S	6.350	-	8.636	-	6.350	-	9.525	-	9.525	-	10
S_1	-	8.255	-	8.890	-	7.874	-	11.379	-	11.379	
ϕT	6.350	7.874	6.604	-	6.604	7.874	8.128	-	8.128	-	
ϕT_1	3.556	3.810	3.556	3.937	3.556	3.810	3.556	4.368	3.556	4.368	
ϕW	1/2-20 UNF-2A		3/4-16 UNF-2A		1/2-20 UNF-2A		1-12 UNF-2A		3/4-16 UNF-2A		11
NOTE	1, 2, 6, 9, 12, 13		1, 2, 6, 12, 13		1, 2, 6, 12, 13		1, 2, 6, 12, 13		1, 2, 6, 12, 13		

NOTES:

1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1966.
3. Device contour except on noted dimensions is optional within zone defined by ϕD_1 and J. ϕD_1 not to exceed actual E.
4. A chamfer (or undercut) on one or both ends of the hexagonal portion is optional.
5. Seated height with lead bent at right angles.
6. Flexible leads for terminals 1 & 2 are identified by color coding for specific applications.
7. Position of leads in relation to hexagon is not controlled.
8. Angular orientation of terminal(s) is optional.
9. Terminal 2 omitted.
10. Minimum flat.
11. Coated threads shall meet the requirements of ANSI B1.1-1960.
12. Controlling dimensions: inch.
13. Millimeter dimensions are taken the the same number of places beyond the decimal point as the corresponding inch dimensions. Maximum conversion error is no more than .02 times the smallest unit value of corresponding inch dimensions.

TO 209

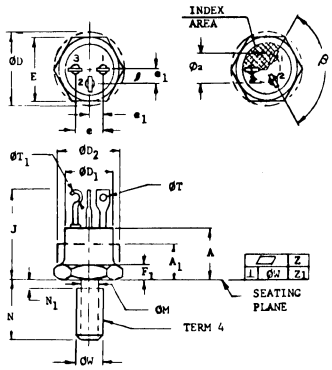


SYMBOL	INCHES MA MIN.	INCHES MA MAX.	MILLIMETERS MA MIN.	MILLIMETERS MA MAX.	NOTE
b	.437	.650	11.10	16.51	6
b_1	.215	.300	5.47	7.62	6
c	.055	.110	1.40	2.79	
ØD	—	1.227	—	31.16	
$ØD_1$	—	1.031	—	26.18	2
E	1.031	1.063	26.19	27.00	
F_1	.170	.500	4.32	12.70	4
J	—	2.500	—	63.50	2, 3
ØM	.425	.499	10.80	12.67	
N	.797	.827	20.25	21.00	
N_1	—	.125	—	3.17	
O	6.850	7.500	173.99	190.50	5
O_1	5.775	6.265	146.69	159.13	5
Q	—	1.750	—	44.45	
S	.250	—	6.35	—	7
S_1	.250	—	6.35	—	7
ØT	.250	.310	6.35	7.87	
$ØT_1$	.140	.150	3.56	3.81	
ØW	1/2-20	UNF-2A	1/2-20	UNF-2A	8
Z	—	.003	—	.076	
Z_1	—	.006	—	.152	
NOTE	1		1		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. The body of the device with the exception of the hexagon and flexible lead extensions lies within the cylinder defined by $ØD_1$ and J, $ØD_1$ not to exceed actual E.
3. Seated height with the leads bent at right angles.
4. Chamfer or undercut on one or both ends of hexagonal portion is optional.
5. Flexible lead.
6. Contour and orientation of terminal lug are optional. Square or radius on end of terminal is optional.
7. Min. flat.
8. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

TO 210

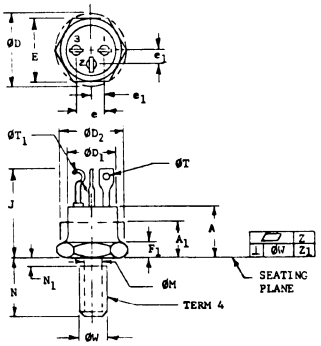


SYMBOL	INCHES MA MIN.	INCHES MA MAX.	MILLIMETERS MA MIN.	MILLIMETERS MA MAX.	NOTE
A	.320	.468	8.13	11.88	
A_1	—	.250	—	6.35	4
$Ø_a$	.185	.215	4.70	5.46	
ØD	—	.505	—	12.82	
$ØD_1$	.318	.380	8.08	9.65	
$ØD_2$	.380	.437	9.66	11.09	4
E	.423	.438	10.75	11.12	
e	.185	.215	4.70	5.46	6
e_1	.090	.110	2.29	2.79	6
F_1	.090	.150	2.29	3.81	3
J	.570	.763	14.48	19.38	
ØM	.155	.189	3.94	4.80	
N	.400	.455	10.16	11.55	
N_1	—	.078	—	1.98	
ØT	.040	.065	1.02	1.65	
$ØT_1$	.040	.070	1.02	1.77	5
ØW	10-32 UNF-2A		10-32 UNF-2A		7
Z	—	.002	—	.050	
Z_1	—	.006	—	.152	
β	105°	135°	105°	135°	6
NOTE	1, 2, 3, 4, 5, 6		1, 2, 3, 4, 5, 6		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Three terminals are to be equally spaced in one of the two alternate end configurations shown.
3. Chamfer or undercut on one or both ends of hexagonal portion is optional.
4. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and A_1, $ØD_2$ not to exceed actual E.
5. Terminal 3 can be flattened and pierced or hook type. A visual index is required when the flattened and pierced tab terminal contour (identical to the adjacent terminals) is used with the end configuration having angular spacing of β
6. Angular orientation of terminals with respect to hexagon is optional.
7. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

TO 211

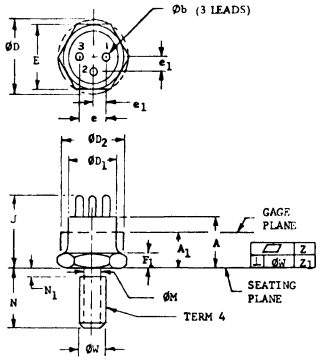


SYMBOL	INCHES MA MIN.	INCHES MA MAX.	INCHES MB MIN.	INCHES MB MAX.	MILLIMETERS MA MIN.	MILLIMETERS MA MAX.	MILLIMETERS MB MIN.	MILLIMETERS MB MAX.	NOTE
A	.325	.460	.480	.535	8.26	11.68	12.20	13.58	
A_1	—	.270	—	.300	—	6.85	—	7.62	3
ØD	—	.794	—	1.010	—	20.16	—	25.65	
$ØD_1$	.570	.610	.745	.775	14.48	15.49	18.93	19.68	
$ØD_2$	.610	.687	.775	.875	15.50	17.44	19.69	22.22	3
E	.669	.688	.847	.875	17.00	17.47	21.52	22.22	
e	.340	.415	.485	.515	8.64	10.54	12.32	13.08	5
e_1	.170	.213	.240	.260	4.32	5.41	6.10	6.60	5
F_1	.090	.150	.090	.167	2.29	3.81	2.29	4.24	2
J	.640	.875	.937	1.030	16.26	22.22	23.80	26.16	
ØM	.220	.249	.278	.312	5.59	6.32	7.07	7.92	
N	.422	.455	.460	.495	10.72	11.55	11.69	12.57	
N_1	—	.090	—	.105	—	2.28	—	2.66	
ØT	.047	.072	.060	.105	1.20	1.82	1.53	2.66	
$ØT_1$	.046	.077	.060	.105	1.17	1.95	1.53	2.66	4
ØW	1/4-28 UNF-2A		5/16-24 UNF-2A		1/4-28UNF-2A		5/16-24UNF-2A		6
Z	—	.002	—	.002	—	.050	—	.050	
Z_1	—	.006	—	.006	—	.152	—	.152	
NOTE	1, 2, 3, 4, 5		1, 2, 3, 4, 5		1, 2, 3, 4, 5		1, 2, 3, 4, 5		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Chamfer or undercut on one or both ends of hexagonal portion is optional.
3. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and A_1, $ØD_2$ not to exceed actual E.
4. Terminal 3 can be flattened and pierced or hook type.
5. Angular orientation of terminals with respect to hexagon is optional.
6. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

TO 212

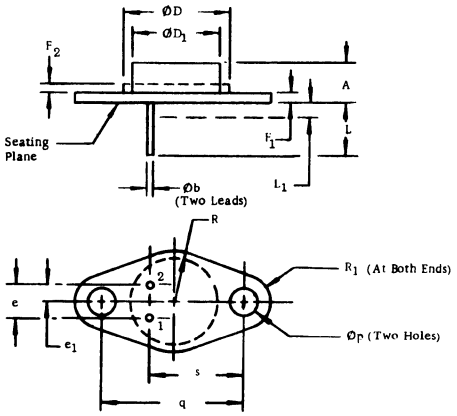


SYMBOL	INCHES MA MIN.	INCHES MA MAX.	MILLIMETERS MA MIN.	MILLIMETERS MA MAX.	NOTE
A	.215	.320	5.47	8.12	
A_1	—	.165	—	4.19	3
Øb	.035	.045	.889	1.143	
ØD	—	.505	—	12.82	
$ØD_1$	.320	.360	8.13	9.14	
$ØD_2$	.360	.437	9.15	11.09	3
E	.423	.438	10.75	11.12	
e	.200 TP		5.080 TP		4, 5
e_1	.100 TP		2.540 TP		4, 5
F_1	.115	.135	2.93	3.42	2
J	.385	.455	9.78	11.55	
ØM	.163	.189	4.15	4.80	
N	.422	.455	10.72	11.55	
N_1	—	.078	—	1.98	
ØW	10-32 UNF-2A		10-32 UNF-2A		6
Z	—	.002	—	.050	
Z_1	—	.006	—	.152	
NOTE	1, 2, 3, 4		1, 2, 3, 4		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines in Publication No. 76.
2. Chamfer or undercut on one or both ends of hexagonal portion is optional.
3. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and A_1, $ØD_2$ not to exceed actual E.
4. Angular orientation of terminals with respect to hexagon is optional.
5. Pins within .008 DIA of True Position (TP) at Maximum Material Condition (MMC) relative to $ØD_1$ at MMC and $ØD_2$ at MMC.
6. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28 Part I.

TO 213

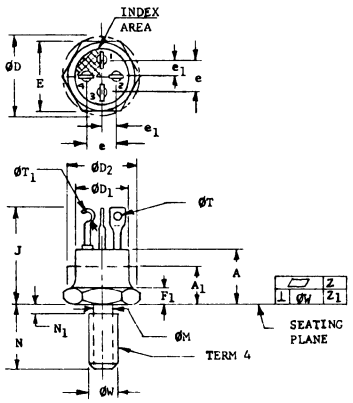


SYMBOL	INCHES MA MIN.	INCHES MA MAX.	MILLIMETERS MA MIN.	MILLIMETERS MA MAX.	NOTE
A	.250	.340	6.35	8.63	
Øb	.028	.034	.712	.863	4
ØD	—	.620	—	15.74	2
$ØD_1$	.470	.500	11.94	12.70	
e	.190	.210	4.83	5.33	3
e_1	.093	.107	2.37	2.71	3
F_1	.050	.075	1.27	1.90	
F_2	—	.050	—	1.27	2
L	.360	.500	9.15	12.70	
L_1	—	.050	—	1.27	4
Øp	.142	.152	3.607	3.860	
q	.958	.962	24.334	24.434	
R	—	.350	—	8.89	
R_1	.115	.145	2.93	3.68	
s	.570	.590	14.48	14.98	3
NOTE	1, 5		1, 5		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Body contour is optional within zone defined by ØD and F_2.
3. These dimensions should be measured at points .050 - .055 below seating plane. When gauge is not used, measurement will be made at the seating plane.
4. Øb applies between L_1 and L. Diameter is uncontrolled in L_1.
5. The seating plane of header shall be flat within .001 concave to .004 convex inside a .520 diameter circle on the center of the header and flat within .001 concave to .006 convex overall.

TO 214

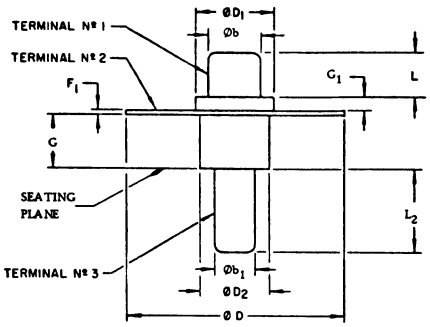


SYMBOL	INCHES MA MIN.	INCHES MA MAX.	MILLIMETERS MA MIN.	MILLIMETERS MA MAX.	NOTE
A	.320	.468	8.13	11.88	
A_1	—	.250	—	6.35	3
ØD	—	.505	—	12.82	
$ØD_1$	.318	.380	8.08	9.65	
$ØD_2$	.380	.437	9.66	11.09	3
E	.423	.438	10.75	11.12	
e	.185	.215	4.70	5.46	5
e_1	.090	.110	2.29	2.79	5
F_1	.090	.150	2.29	3.81	2
J	.570	.763	14.48	19.38	
ØM	.155	.189	3.94	4.80	
N	.400	.455	10.16	11.55	
N_1	—	.078	—	1.98	7
ØT	.040	.065	1.02	1.65	
$ØT_1$	.040	.070	1.02	1.77	4
ØW	10-32 UNF-2A		10-32 UNF-2A		6
Z	—	.002	—	.050	
Z_1	—	.006	—	.152	
NOTE	1, 2, 3, 4, 5		1, 2, 3, 4, 5		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Chamfer or undercut on one or both ends of hexagonal portion is optional.
3. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and A_1. $ØD_2$ not to exceed actual E.
4. Terminal 4 can be flattened and pierced or hook type. A visual index is required when the flattened and pierced tab terminal contour (identical to the adjacent terminals) option is used.
5. Angular orientation of terminals with respect to hexagon is optional.
6. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

TO 215

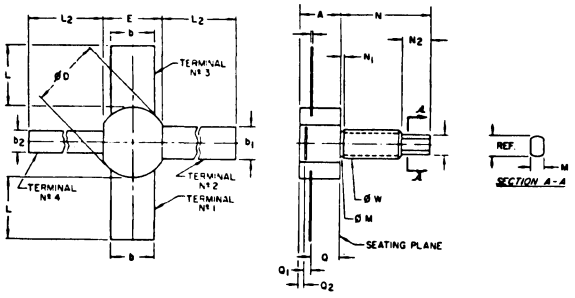


SYMBOL	INCHES AA MIN.	INCHES AA MAX.	MILLIMETERS AA MIN.	MILLIMETERS AA MAX.	NOTE
Øb	.117	.123	2.972	3.124	
$Øb_1$	.090	.094	2.286	2.387	
ØD	.496	.504	12.599	12.801	
$ØD_1$	.175	.185	4.445	4.699	
$ØD_2$	.157	.167	3.988	4.241	
F_1	.009	.012	.229	.304	
G	.114	.127	2.90	3.22	
G_1	.027	.040	.69	1.01	
L	.098	.105	2.490	2.667	
L_2	.179	.191	4.55	4.85	
NOTE	1		1		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.

TO 216

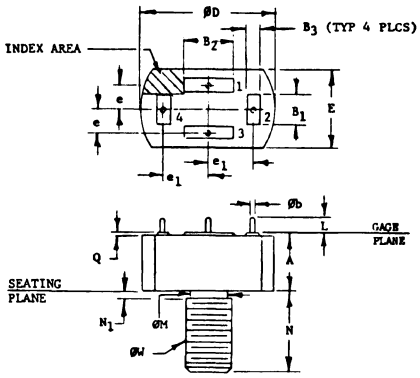


SYMBOL	INCHES		MILLIMETERS		NOTE
	AA		AA		
	MIN.	MAX.	MIN.	MAX.	
A	.150	.230	3.81	5.84	
b	.195	.205	4.953	5.207	
b_1	.135	.145	3.429	3.683	
b_2	.095	.105	2.413	2.667	
c	.004	.010	.102	.254	2
ØD	.305	.320	7.75	8.12	3
$ØD_1$	.110	.130	2.80	3.30	
E	.275	.300	6.99	7.62	3
L	.265	.290	6.74	7.36	
L_2	.455	.510	11.56	12.95	
M	.053	.064	1.35	1.62	
ØM	.120	.163	3.05	4.14	
N	.425	.470	10.80	11.93	
N_1	—	.078	—	1.98	
N_2	.110	.150	2.80	3.81	
Q	.120	.170	3.05	4.31	
Q_1	.025	.045	.64	1.14	
Q_2	—	—	—	—	3
ØW	8-32 UNC-2A		8-32 UNC-2A		4
NOTE	1		1		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Typical all leads.
3. Body contour optional within Q_2, ØD and E.
4. ØW is pitch diameter of coated threads. Ref: Unified Screw Threads, ANS B1.1-1960.

TO 217



SYMBOL	INCHES		MILLIMETERS		NOTE
	AA		AA		
	MIN.	MAX.	MIN.	MAX.	
A	.295	.325	7.50	8.25	
B_1	.135	.150	3.43	3.81	
B_2	.235	.250	5.97	6.35	
B_3	.055	.065	1.397	1.651	
Øb	.020	.025	.508	.635	
ØD	.650	.680	16.51	17.27	
E	.360	.380	9.15	9.65	
e	.111	.131	2.82	3.32	3
e_1	.213	.233	5.42	5.91	3
L	.069	.088	1.76	2.23	
ØM	.220	.249	5.59	6.32	
N	.420	.460	10.67	11.68	
N_1	—	.090	—	2.28	
Q	.000	.015	.00	.038	
ØW	1/4-28 UNF 2A		1/4-28 UNF 2A		2
NOTE	1		1		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. ØW is pitch diameter of coated threads. Ref: Unified Screw Threads, ANS B1.1-1960.
3. Lead spacing to be measured at the Gage Plane.

TO 218

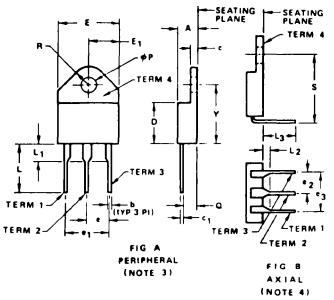


FIG A PERIPHERAL (NOTE 3)

FIG B AXIAL (NOTE 4)

SYMBOL	INCHES				MILLIMETERS				NOTE
	AA		AB		AA		AB		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.170	.195	.170	.195	4.318	4.953	4.318	4.953	
b	.045	.055	.045	.055	1.143	1.397	1.143	1.397	
c	.040	.060	.040	.060	1.016	1.524	1.016	1.524	
c_1	.012	.018	.012	.018	.305	.457	.305	.457	
D	.405	.425	.405	.425	10.287	10.795	10.287	10.795	
E	.580	.620	.580	.620	14.732	15.748	14.732	15.748	9
E_1	.290	.310	.290	.310	7.366	7.874	7.366	7.874	
e	.205	.225	--	--	5.207	5.715	--	--	6
e_1	.420	.440	--	--	10.668	11.176	--	--	6
e_2	--	--	.205	.225	--	--	5.207	5.715	7
e_3	--	--	.420	.440	--	--	10.668	11.176	7
L	.470	--	--	--	11.938	--	--	--	
L_1	.110	.135	--	--	2.794	3.429	--	--	
L_2	--	--	--	.050	--	--	--	1.270	8
L_3	--	--	.312	--	--	--	7.925	--	
øP	.151	.161	.151	.161	3.836	4.089	3.836	4.089	
Q	.110	.135	.110	.135	2.794	3.429	2.794	3.429	
R	.170	.190	.170	.190	4.318	4.826	4.318	4.826	9
S	.655	.675	.655	.675	16.637	17.145	16.637	17.145	
Y	.530	.570	.530	.570	13.462	14.478	13.462	14.478	
NOTE	1,2,3,10		1,2,4,10		1,2,3,10,11		1,2,4,10,11		

NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1966.
3. FIGURE A, PERIPHERAL TERMINAL CONFIGURATION, APPLICABLE.
4. FIGURE B, AXIAL TERMINAL CONFIGURATION, APPLICABLE.
5. MAXIMUM RADIUS OF .050 ON ALL BODY EDGES AND CORNERS.
6. POSITION OF LEAD TO BE MEASURED .185-.190 FROM BOTTOM OF DIMENSION D.
7. POSITION OF LEAD TO BE MEASURED .050-.055 BELOW SEATING PLANE.
8. LEAD DIMENSIONS UNCONTROLLED IN L_1 AND L_2.
9. TAB OUTLINE OPTIONAL WITHIN BOUNDARIES OF DIMENSIONS E AND R.
10. CONTROLLING DIMENSIONS: INCH.
11. MILLIMETER DIMENSIONS ARE TAKEN TO THE SAME NUMBER OF PLACES BEYOND THE DECIMAL POINT AS THE CORRESPONDING INCH DIMENSIONS. MAXIMUM CONVERSION ERROR IS NO MORE THAN .02 TIMES THE SMALLEST UNIT VALUE OF CORRESPONDING INCH DIMENSIONS.

TO 219

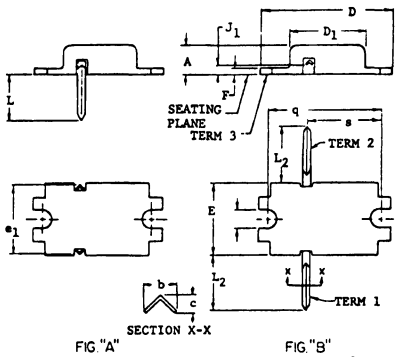


FIG "A" AXIAL (NOTE 2)

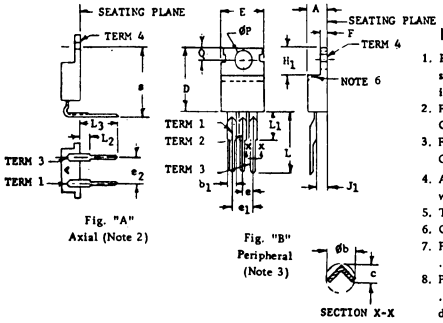
FIG "B" PERIPHERAL (NOTE 3)

SYMBOL	INCHES				MILLIMETERS				NOTE
	AA		AB		AA		AB		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.160	.200	.160	.200	4.07	5.08	4.07	5.08	
b	.045	.060	.045	.060	1.15	1.52	1.15	1.52	
c	.025	.045	.025	.045	.64	1.14	.64	1.14	
D	.890	.910	.890	.910	22.61	23.11	22.61	23.11	
D_1	.480	.515	.480	.515	12.20	13.08	12.20	13.08	
E	.480	.520	.480	.520	12.20	13.20	12.20	13.20	
e_1	.460	.505	—	—	11.69	12.82	—	—	5
F	.055	.070	.055	.070	1.40	1.77	1.40	1.77	
J_1	—	—	.100	.120	—	—	2.54	3.04	
L	.370	.450	—	—	9.40	11.43	—	—	
L_2	—	—	.415	.560	—	—	10.54	14.22	
P	.128	.150	.128	.150	3.26	3.81	3.26	3.81	
q	.740	.760	.740	.760	18.80	19.30	18.80	19.30	
s	.500	.520	.500	.520	12.70	13.20	12.70	13.20	
NOTE	1, 2, 4		1, 3, 4		1, 2, 4		1, 3, 4		

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Figure "A", Axial Terminal Configuration, applicable.
3. Figure "B", Peripheral Terminal Configuration, applicable.
4. Terminal end configurations are optional.
5. e_1 is measured at seating plane.

TO 220

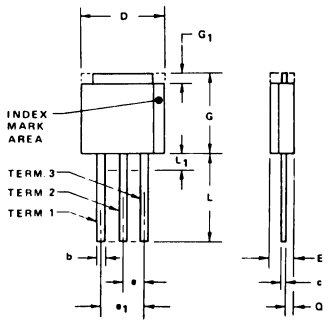


NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Figure "A", Axial Terminal Configuration, applicable.
3. Figure "B", Peripheral Terminal Configuration, applicable.
4. Alternate lead configurations allowed within Øb and c.
5. Tab contour optional within H_1 and E.
6. Chamfer optional.
7. Position of lead to be measured .050 -.055 below seating plane.
8. Position of lead to be measured .250 -.255 from bottom of dimension "D".

SYMBOL	INCHES				MILLIMETERS				NOTE
	AA		AB		AA		AB		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.140	.190	.140	.190	3.56	4.82	3.56	4.82	
b_1	.045	.070	.045	.070	1.15	1.77	1.14	1.77	
Øb	.020	.045	.020	.045	.51	1.14	.51	1.14	4
c	.012	.045	.012	.045	.31	1.14	.31	1.14	4
D	.560	.625	.560	.625	14.23	15.87	14.23	15.87	
E	.380	.420	.380	.420	9.66	10.66	9.66	10.66	5
e	—	—	.090	.110	—	—	2.29	2.79	8
e_1	—	—	.190	.210	—	—	4.83	5.33	8
e_2	.190	.210	—	—	4.83	5.33	—	—	7
F	.020	.055	.020	.055	.51	1.39	.51	1.39	
H_1	.230	.270	.230	.270	5.85	6.85	5.85	6.85	5
J_1	.080	.115	.080	.115	2.04	2.92	2.04	2.92	
L	—	—	.500	.562	—	—	12.70	14.27	
L_1	—	—	—	.250	—	—	—	6.35	
L_2	—	.050	—	—	—	1.27	—	—	
L_3	.360	.422	—	—	9.15	10.71	—	—	
ØP	.139	.147	.139	.147	3.531	3.733	3.531	3.733	
Q	.100	.120	.100	.120	2.54	3.04	2.54	3.04	
s	.560	.610	—	—	14.74	15.49	—	—	
NOTE	1, 2		1, 3		1, 2		1, 3		

TO 221

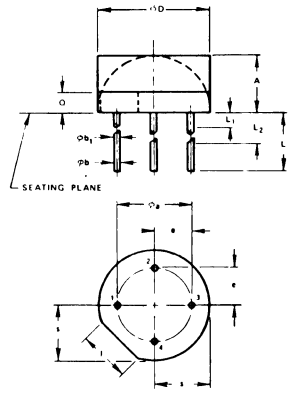


NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1966.
3. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD IRREGULARITIES.
4. LEAD SPACING TO BE MEASURED BETWEEN 3.175 AND 3.810 FROM THE POINT OF EMERGENCE FROM THE BODY.
5. CONTROLLING DIMENSIONS: INCH.
6. MILLIMETER DIMENSIONS ARE TAKEN TO THE SAME NUMBER OF PLACES BEYOND THE DECIMAL POINT AS THE CORRESPONDING INCH DIMENSIONS. MAXIMUM CONVERSION ERROR IS NO MORE THAN .02 TIMES THE SMALLEST UNIT VALUE OF CORRESPONDING INCH DIMENSIONS.

SYMBOL	INCHES				MILLIMETERS				NOTE
	AA		AB		AA		AB		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
b	.045	.055	.023	.029	1.143	1.397	.585	.736	
c	.010	.026	.010	.026	.254	.660	.254	.660	
D	.360	.400	.360	.400	9.144	10.160	9.144	10.160	
E	.120	.190	.120	.190	3.048	4.826	3.048	4.826	
e	.095	.105	.095	.105	2.413	2.667	2.413	2.667	4
e_1	.190	.210	.190	.210	4.826	5.334	4.826	5.334	4
Q	.220	.370	.220	.370	5.588	9.398	5.588	9.398	
Q_1	--	.050	--	.050	--	1.270	--	1.270	
L	.371	.520	.371	.520	9.424	13.208	9.424	13.208	
L_1	--	.100	--	.100	--	2.540	--	2.540	3
J	.039	.076	.039	.076	.991	1.930	.991	1.930	
NOTE	1,2,5		1,2,5		1,2,5,6		1,2,5,6		

TO 222

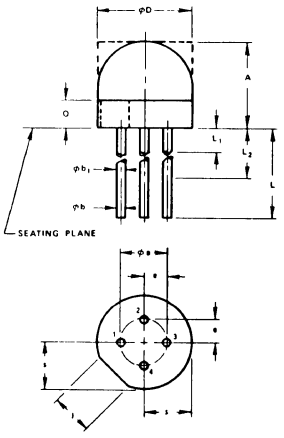


NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1966.
3. LEAD NUMBER 4 OMITTED IN THIS OUTLINE.
4. BODY CONTOUR OPTIONAL BEYOND Q MIN., BUT MUST BE WITHIN ØD AND A.
5. $Øb_1$ APPLIES BETWEEN L_1 AND L_2. Øb APPLIES BETWEEN L_2 AND L. DIAMETER IS UNCONTROLLED IN L_1 AND BEYOND L MIN.
6. CONTROLLING DIMENSIONS: INCH.
7. MILLIMETER DIMENSIONS ARE TAKEN TO THE SAME NUMBER OF PLACES BEYOND THE DECIMAL POINT AS THE CORRESPONDING INCH DIMENSIONS. MAXIMUM CONVERSION ERROR IS NO MORE THAN .02 TIMES THE SMALLEST UNIT VALUE OF CORRESPONDING INCH DIMENSIONS.

SYMBOL	INCHES				MILLIMETERS				NOTE
	AA		AB		AA		AB		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.120	.240	.120	.240	3.048	6.096	3.048	6.096	
Øa	.190	.210	.190	.210	4.826	5.334	4.826	5.334	
Øb	.016	.021	.016	.021	.407	.533	.407	.533	5
$Øb_1$	.016	.019	.016	.019	.407	.482	.407	.482	5
ØD	.305	.325	.305	.325	7.747	8.255	7.747	8.255	
e	.090	.110	.090	.110	2.286	2.794	2.286	2.794	
J	.080	.160	.080	.160	2.032	4.064	2.032	4.064	
L	.500	.625	.500	.625	12.700	15.875	12.700	15.875	5
L_1	--	.050	--	.050	--	1.270	--	1.270	5
L_2	.250	--	.250	--	6.350	--	6.350	--	5
Q	.060	--	.060	--	1.524	--	1.524	--	4
s	.145	.165	.145	.165	3.683	4.191	3.683	4.191	
NOTE	1,2,6		1,2,3,6		1,2,6,7		1,2,3,6,7		

TO 223



NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5, 1966.
3. LEAD NUMBER 4 OMITTED IN THIS OUTLINE.
4. BODY CONTOUR OPTIONAL BEYOND Q MIN., BUT MUST BE WITHIN ØD AND A.
5. $Øb_1$ APPLIES BETWEEN L_1 AND L_2. Øb APPLIES BETWEEN L_2 AND L. DIAMETER IS UNCONTROLLED IN L_1 AND BEYOND L MIN.
6. CONTROLLING DIMENSIONS: INCH.
7. MILLIMETER DIMENSIONS ARE TAKEN TO THE SAME NUMBER OF PLACES BEYOND THE DECIMAL POINT AS THE CORRESPONDING INCH DIMENSIONS. MAXIMUM CONVERSION ERROR IS NO MORE THAN .02 TIMES THE SMALLEST UNIT VALUE OF CORRESPONDING INCH DIMENSIONS.

SYMBOL	INCHES				MILLIMETERS				NOTE
	AA		AB		AA		AB		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
A	.120	.240	.120	.240	3.048	6.096	3.048	6.096	
Øa	.095	.105	.095	.105	2.413	2.667	2.413	2.667	
Øb	.016	.021	.016	.021	.407	.533	.407	.533	5
$Øb_1$	.016	.019	.016	.019	.407	.482	.407	.482	5
ØD	.192	.222	.192	.222	4.877	5.638	4.877	5.638	
e	.045	.055	.045	.055	1.143	1.397	1.143	1.397	
J	.075	.100	.075	.100	1.905	2.540	1.905	2.540	
L	.500	.625	.500	.625	12.700	15.875	12.700	15.875	5
L_1	--	.050	--	.080	--	1.270	--	1.270	5
L_2	.250	--	.250	--	6.350	--	6.350	--	5
Q	.060	--	.060	--	1.524	--	1.524	--	4
s	.080	.115	.080	.115	2.032	2.921	2.032	2.921	
NOTE	1,2,6		1,2,3,6		1,2,6,7		1,2,3,6,7		

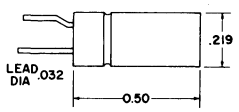
TRANSISTOR OUTLINES (NONREGISTERED)

Transistor Outlines

The outlines for transistors that do not have TO numbers are given in this section. They are listed with a number and a letter, such as 210A. The number "210" corresponds to the one used in the Lead and Terminal Identification section. Since there are a number of different physical shapes that have the same lead or terminal arrangement, a number is used to refer to the terminals (210), and a letter (A, B, C, etc.) is used to designate the particular outline drawing.

For additional information relating to outline drawings, refer to Registered Transistor Outlines. **NOTE: Outline dimensions are in INCHES.**

1A



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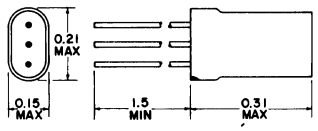

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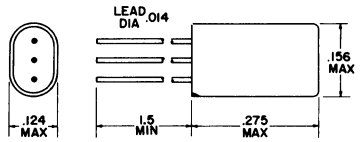

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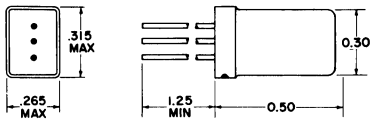

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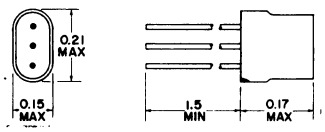

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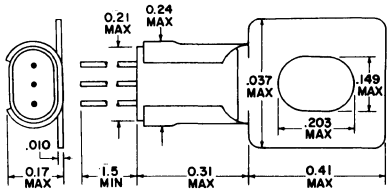

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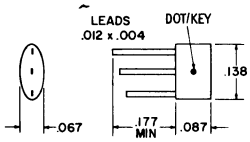

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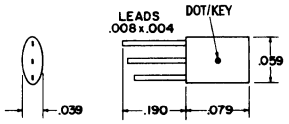

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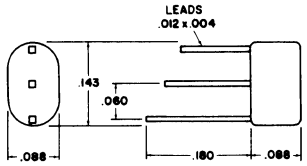

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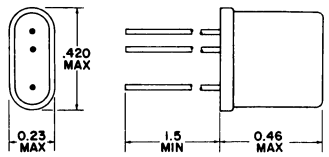

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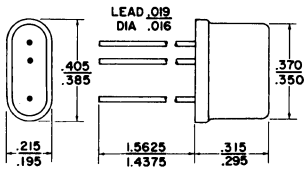

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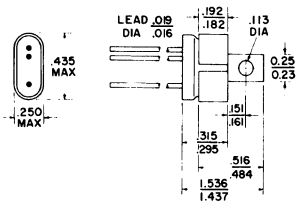

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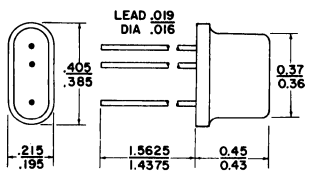

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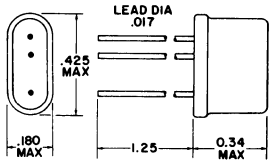

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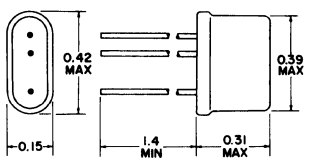

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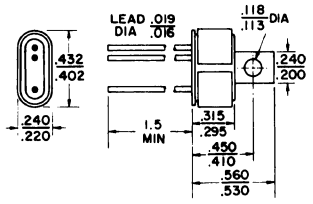

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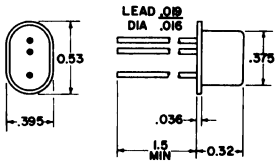

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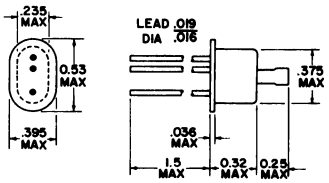

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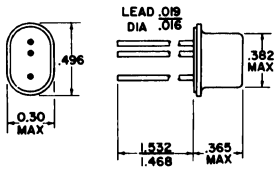

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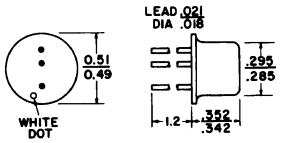

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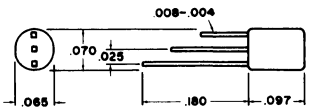

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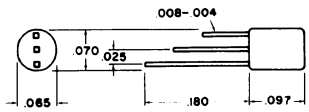

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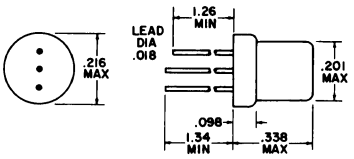

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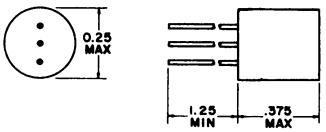

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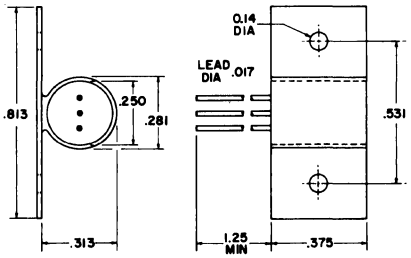

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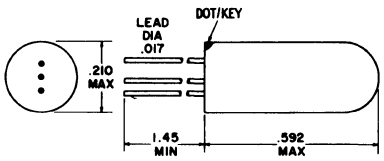

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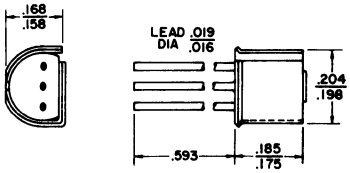

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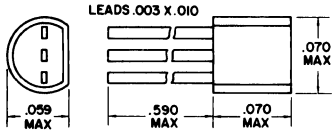

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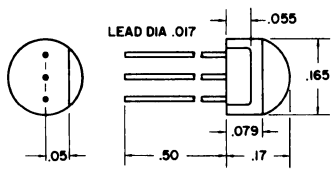

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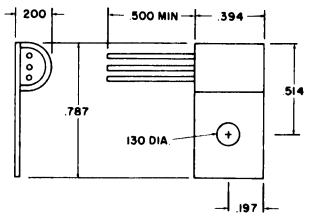

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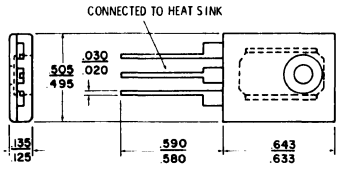

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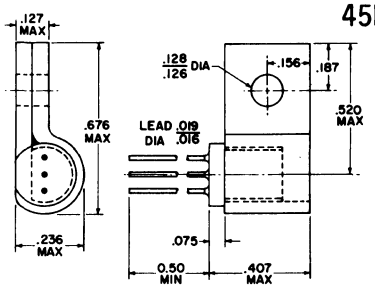

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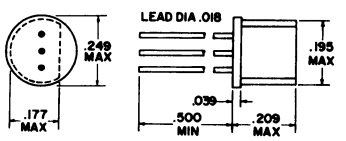

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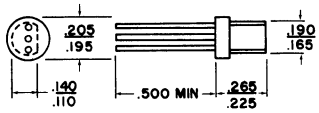

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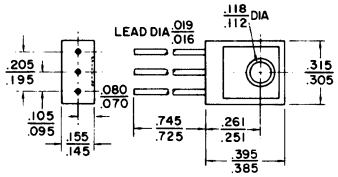

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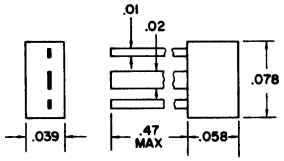

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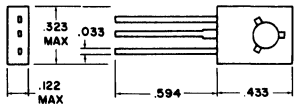

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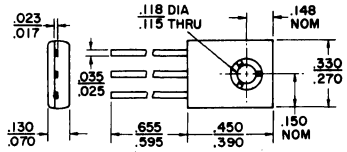

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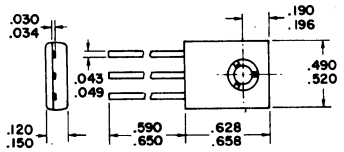

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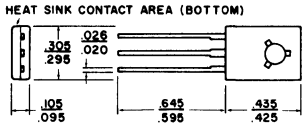

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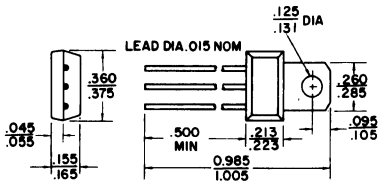

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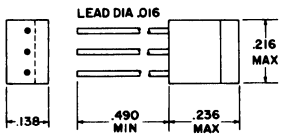

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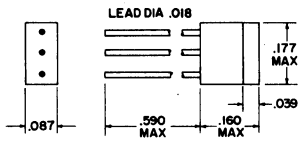

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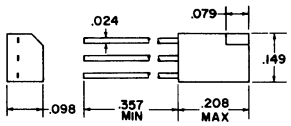

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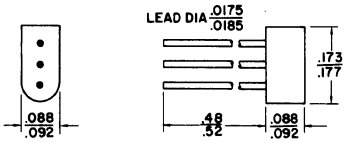

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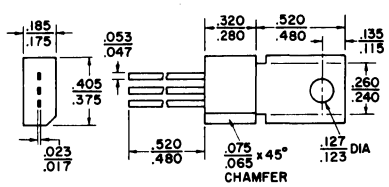

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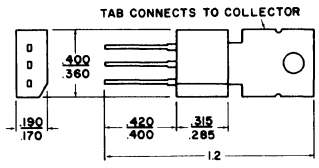

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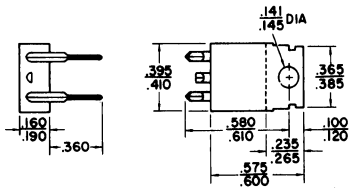

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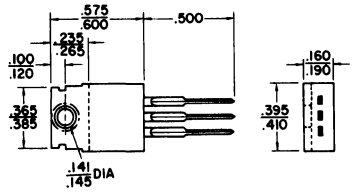

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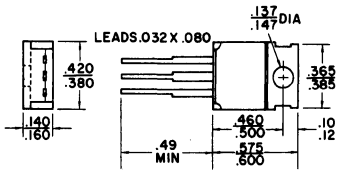

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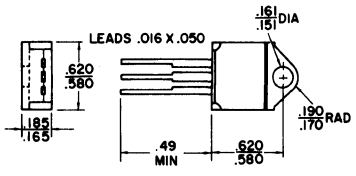
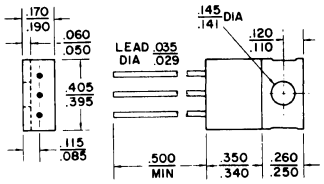


54D



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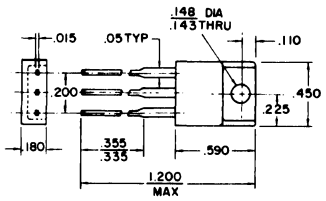

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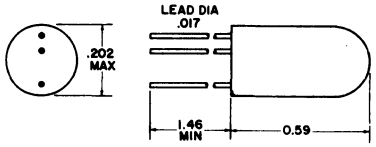

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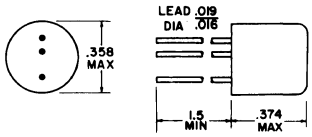

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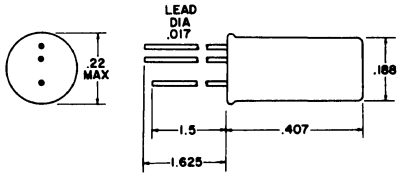

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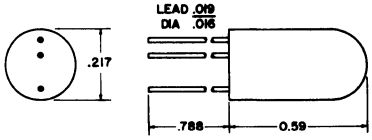

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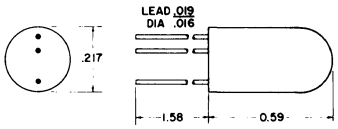

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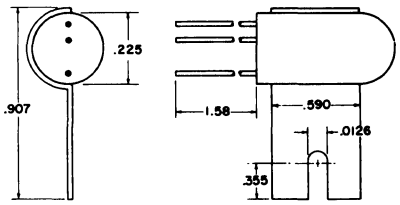

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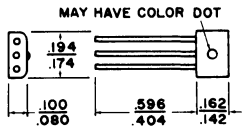

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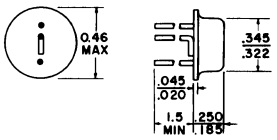

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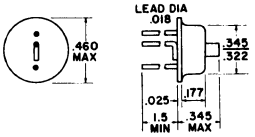

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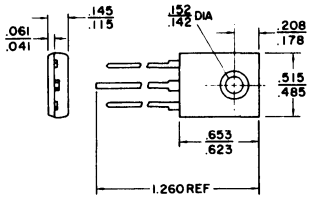

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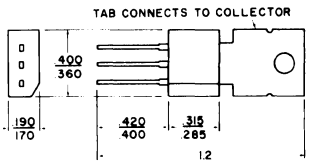

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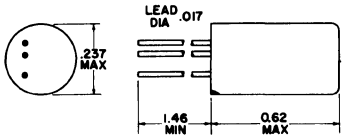

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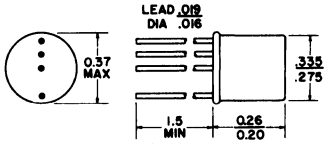

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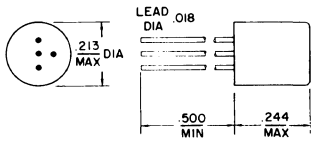

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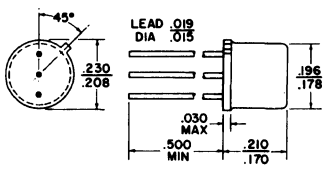

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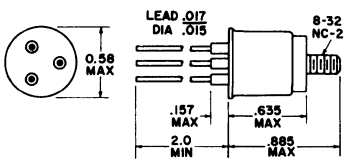

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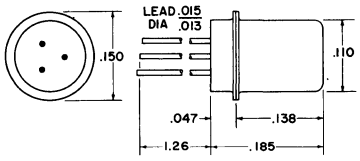

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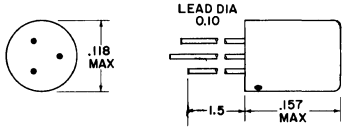

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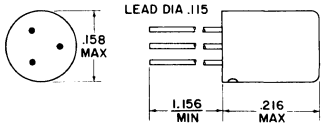

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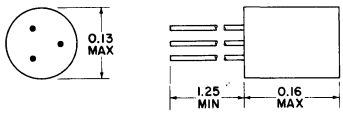

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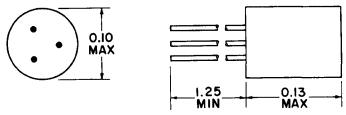

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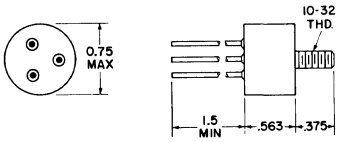

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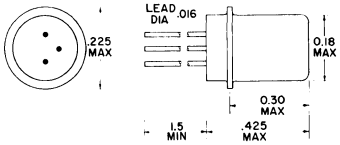

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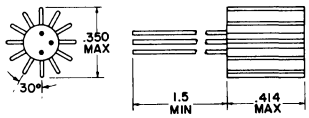

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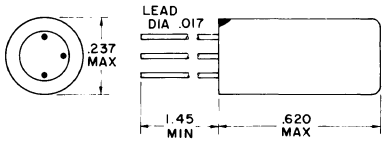

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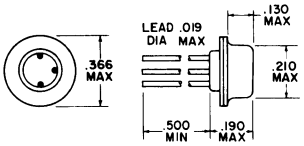

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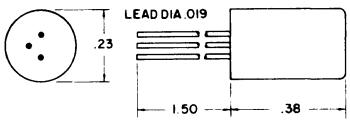

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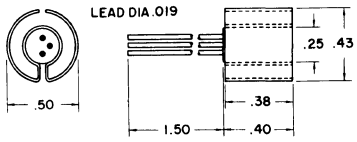

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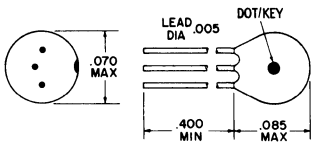

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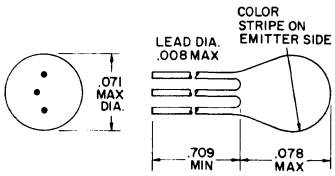

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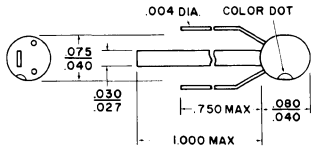

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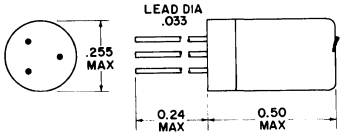

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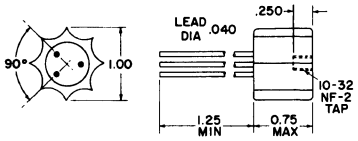

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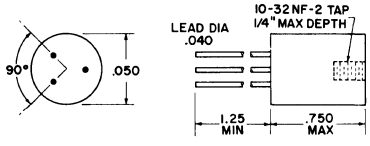

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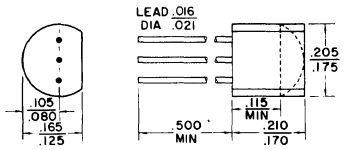

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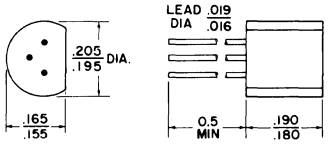

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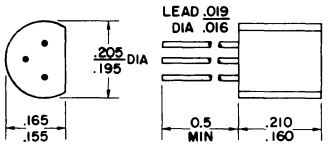

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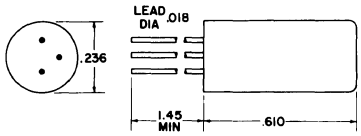

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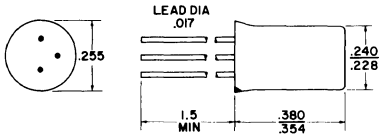

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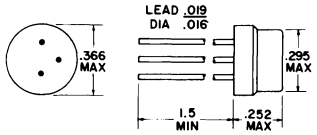

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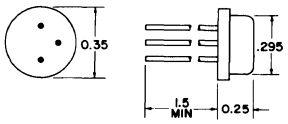

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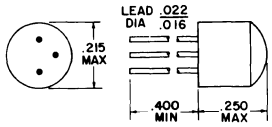

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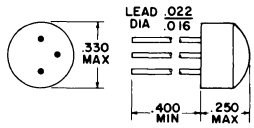

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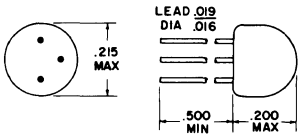

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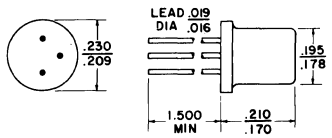

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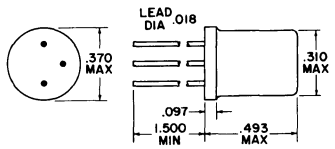

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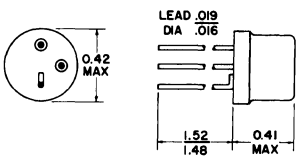

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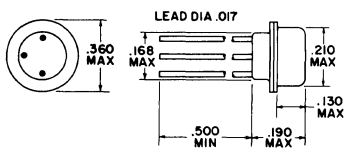

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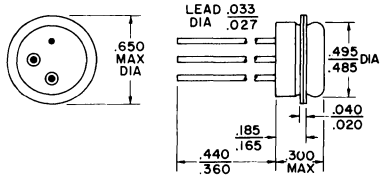

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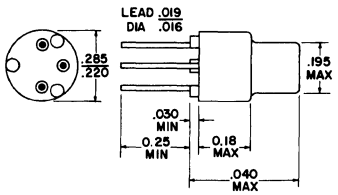

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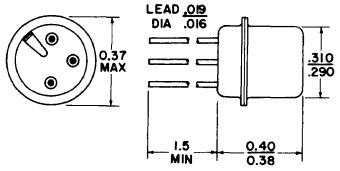

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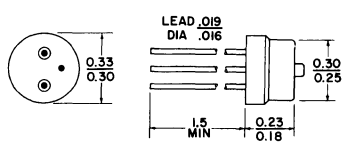

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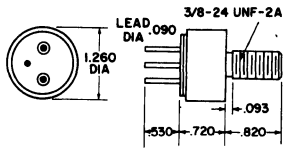

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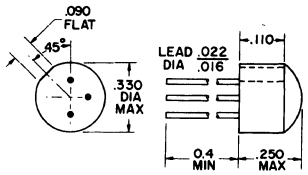

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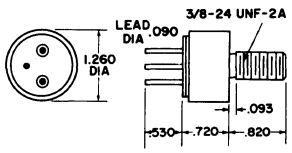

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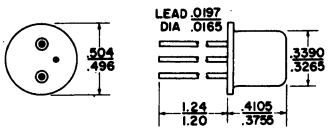

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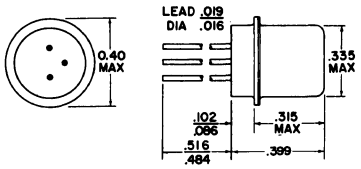

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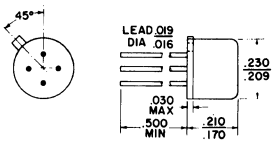

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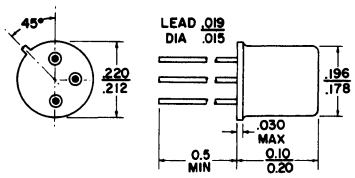

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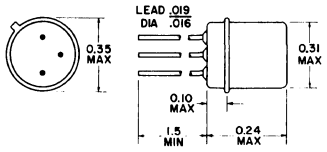

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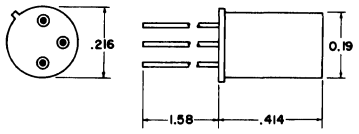

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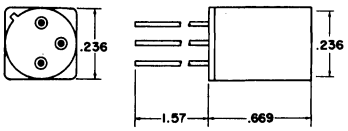

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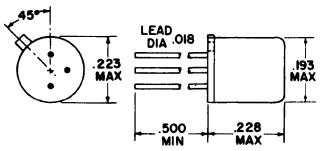

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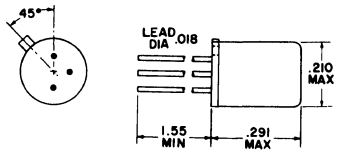

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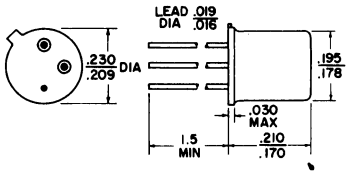

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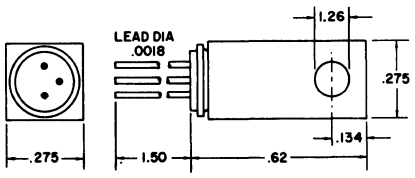

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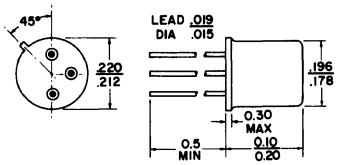

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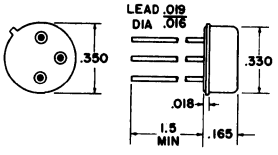

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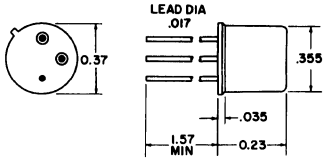

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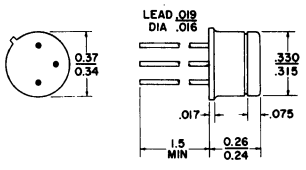

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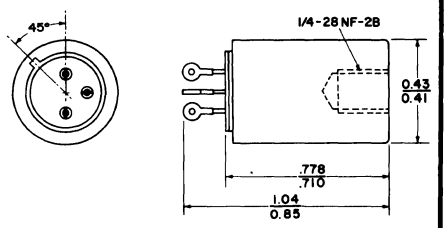

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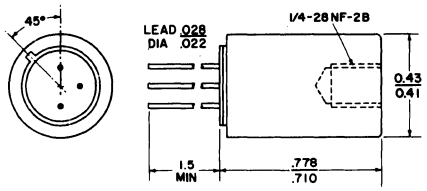

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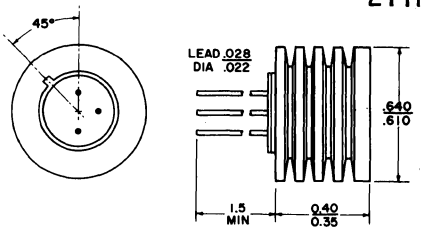

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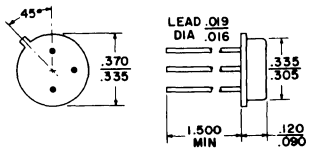

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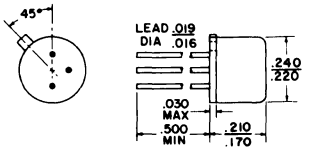

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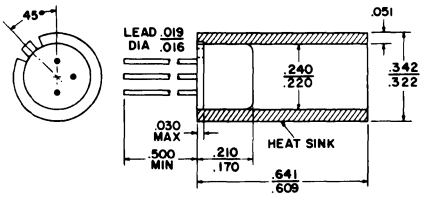

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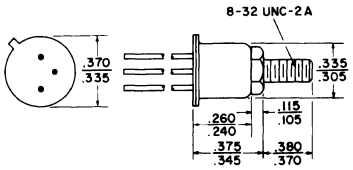

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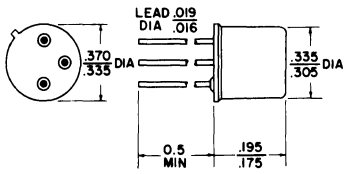

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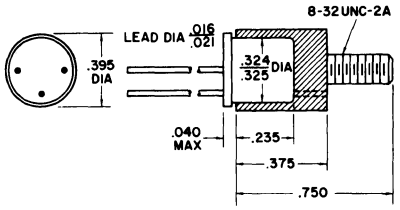

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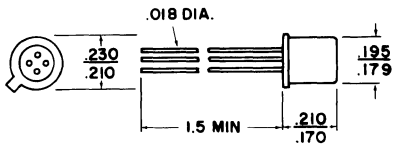

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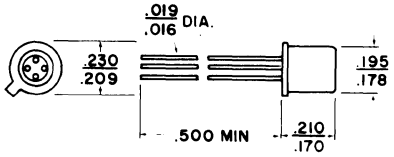

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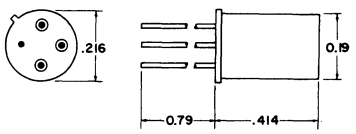

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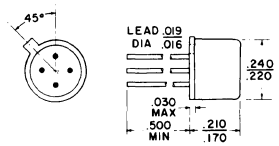

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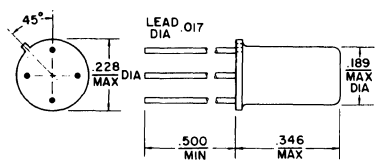

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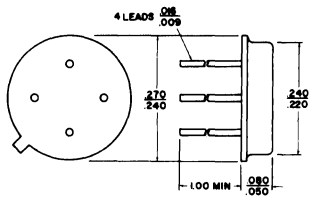

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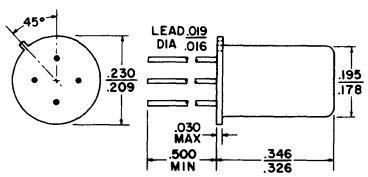

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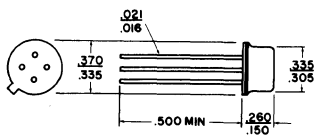

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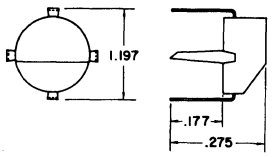

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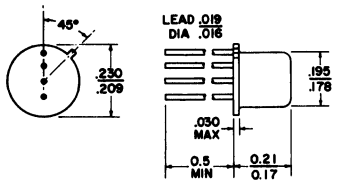

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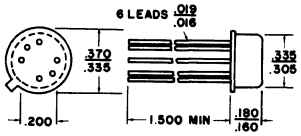

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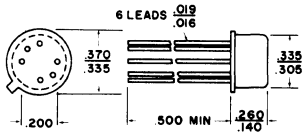

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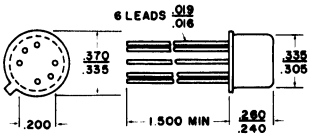

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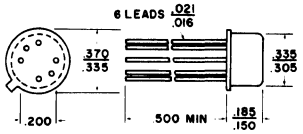

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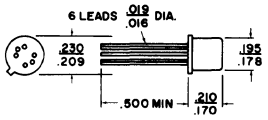

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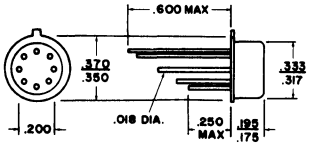

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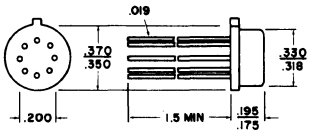

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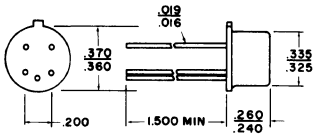

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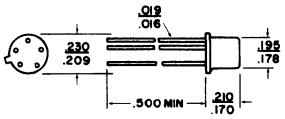

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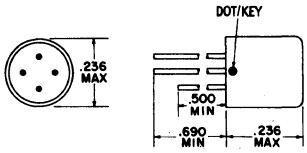

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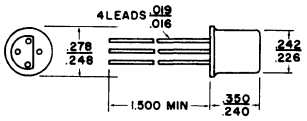

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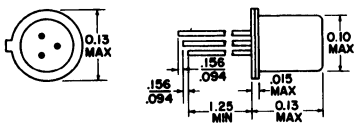

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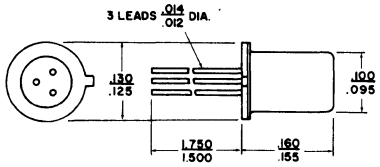

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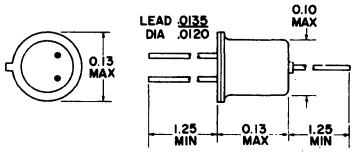

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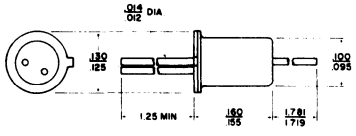

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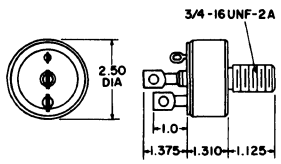

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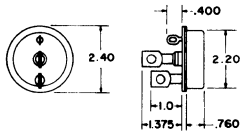

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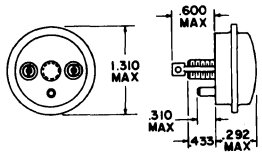

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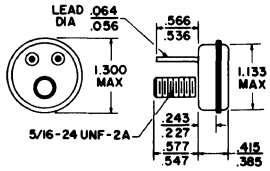

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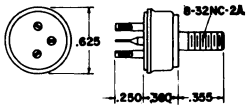

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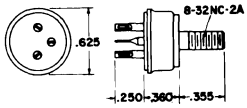

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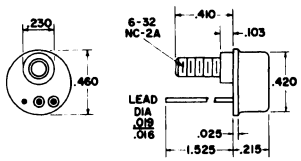

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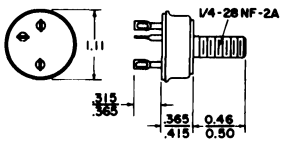

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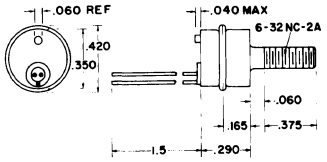

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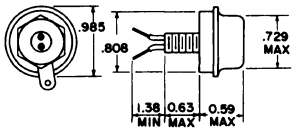

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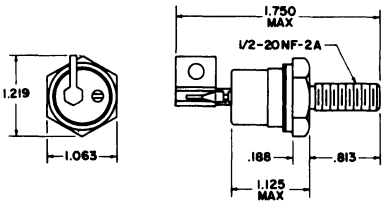

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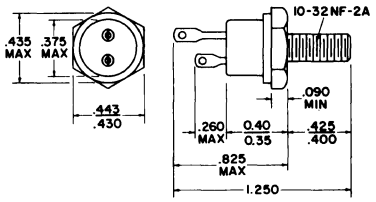

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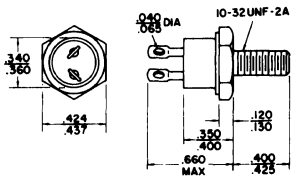

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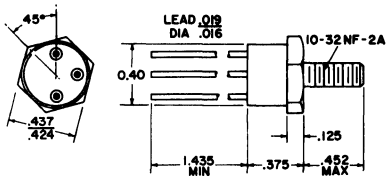

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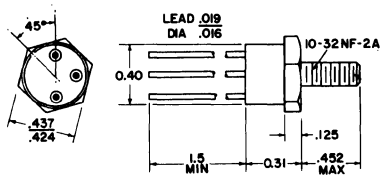

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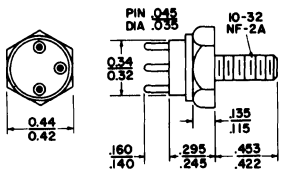

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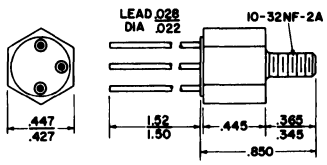

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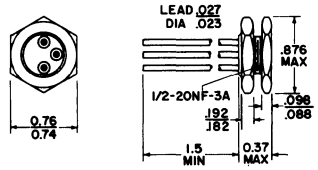

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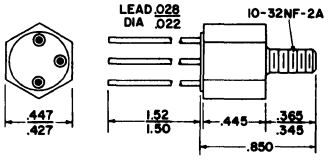

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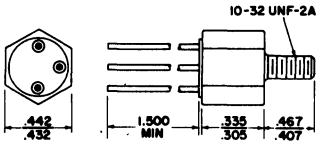

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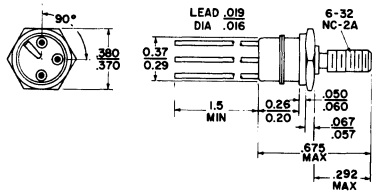

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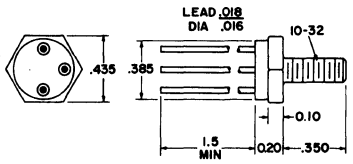

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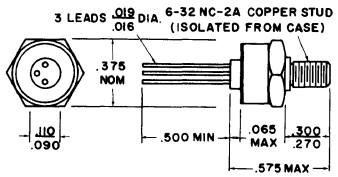

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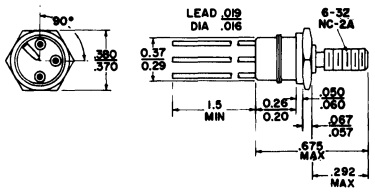

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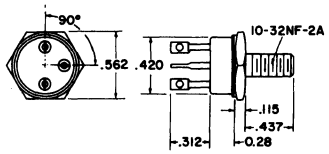

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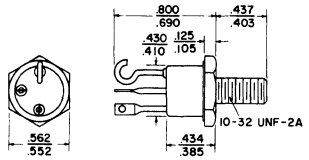

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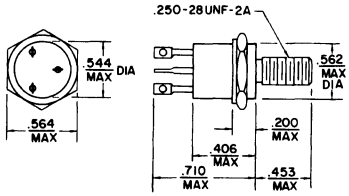

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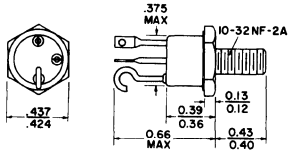

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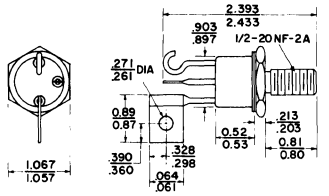

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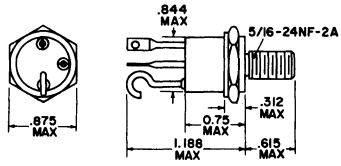

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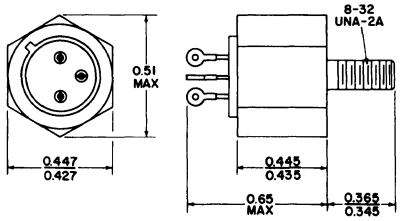

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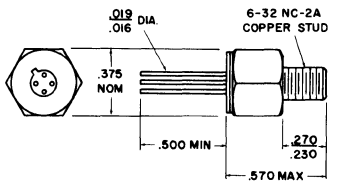

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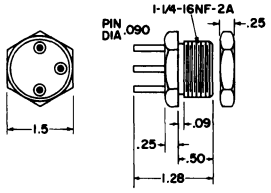

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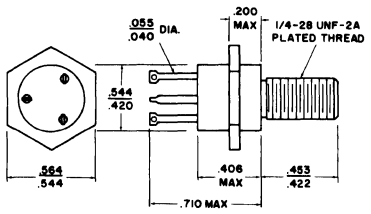

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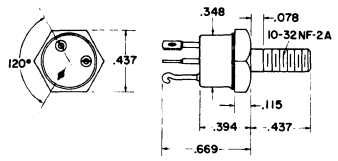

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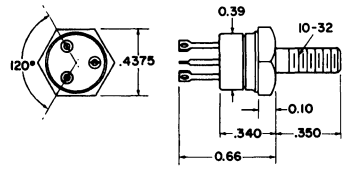

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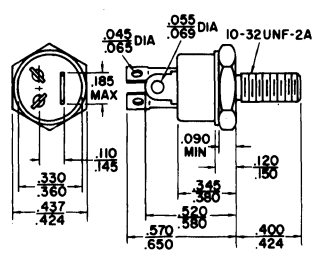

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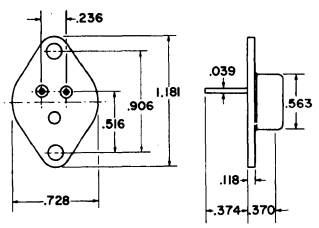

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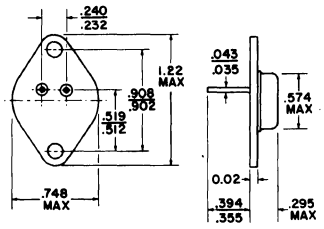

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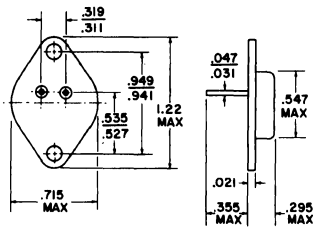

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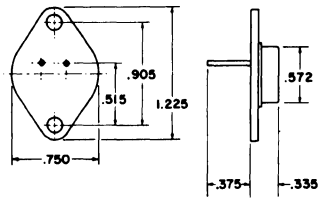

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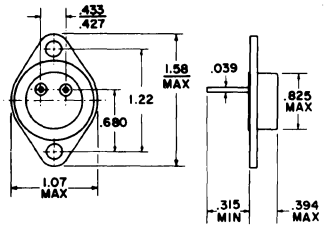

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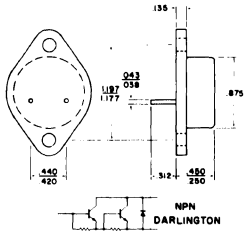

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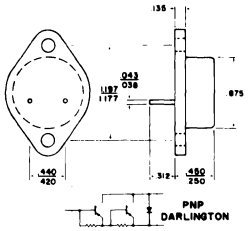

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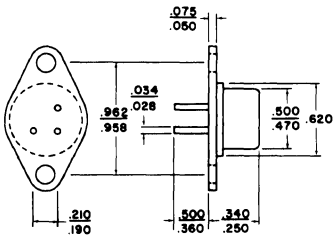

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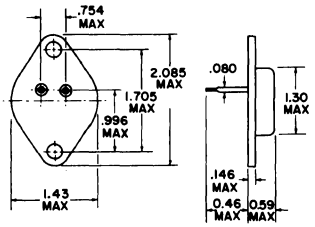

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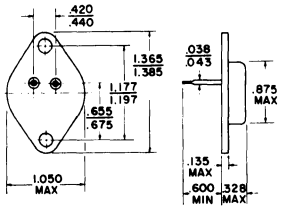

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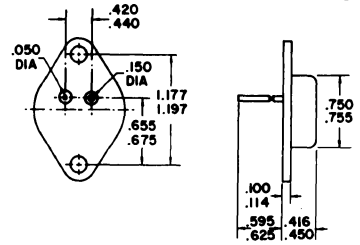

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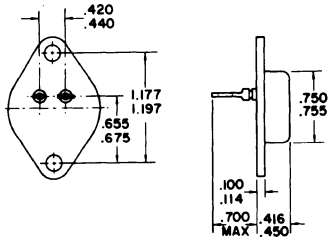

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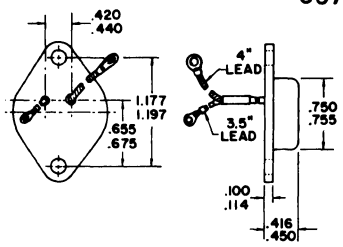

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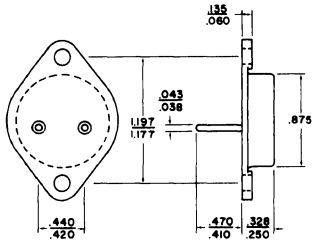

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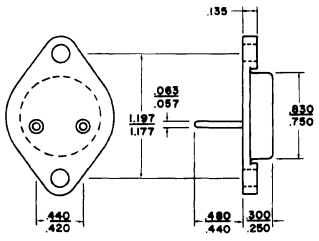

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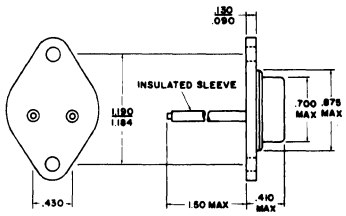

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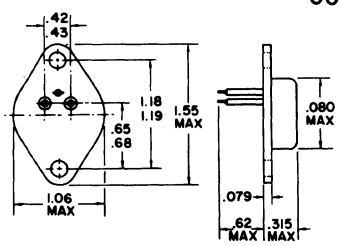

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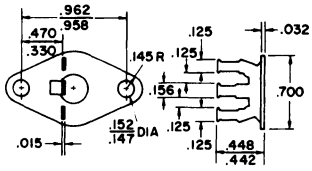

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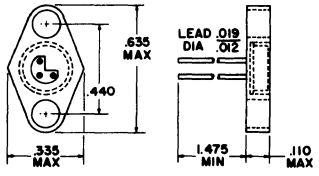

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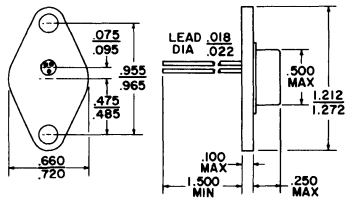

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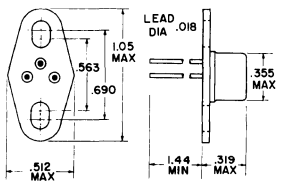

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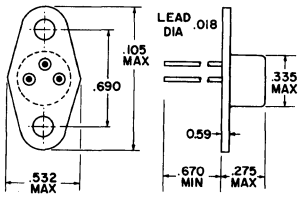

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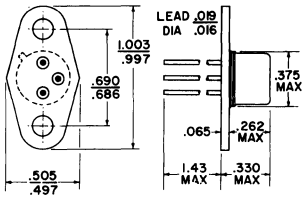

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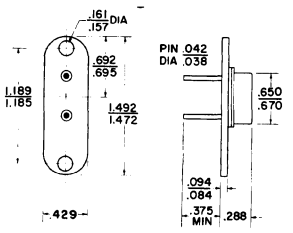

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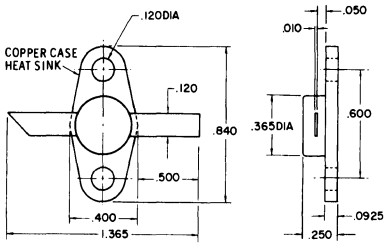

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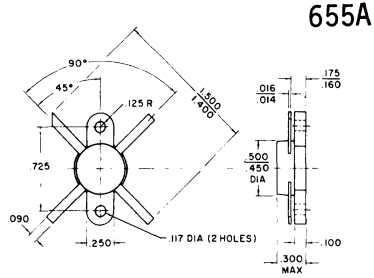

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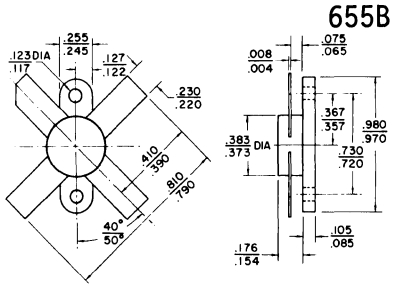

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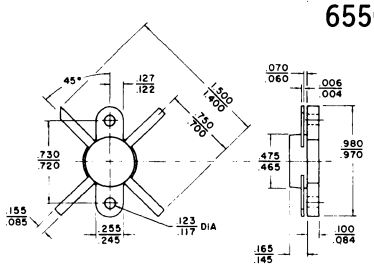

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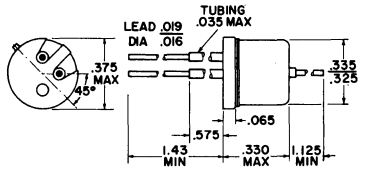

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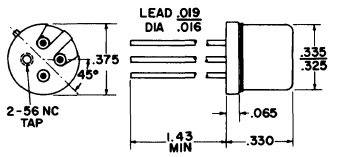

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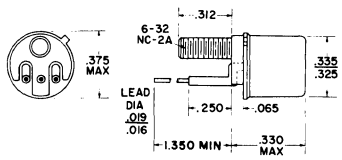

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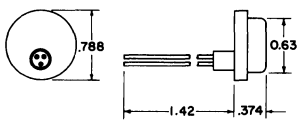

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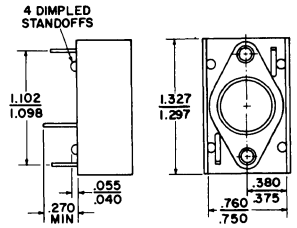

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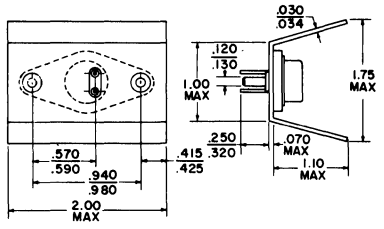

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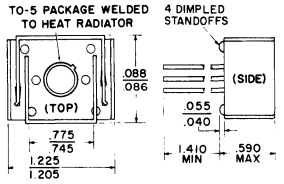

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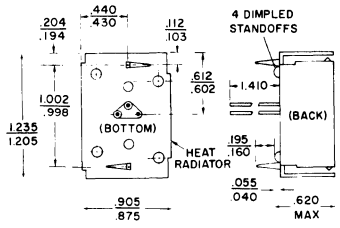

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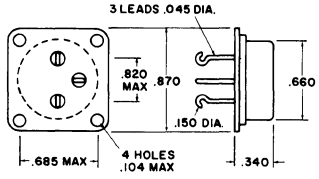

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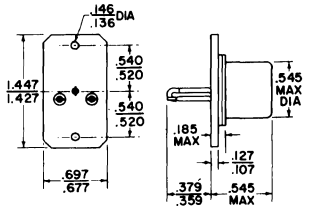

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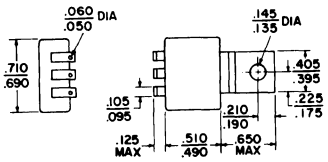

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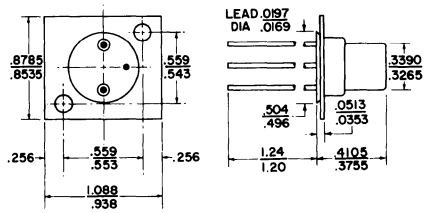

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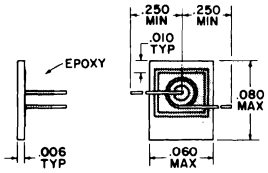

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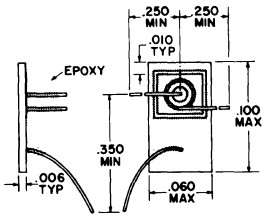

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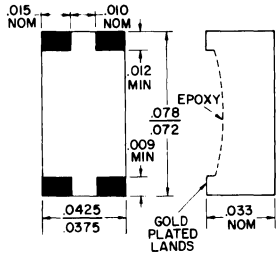

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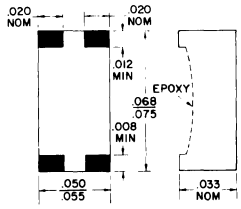

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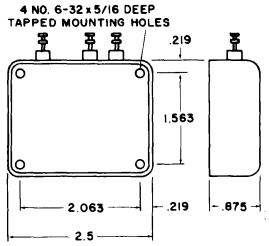

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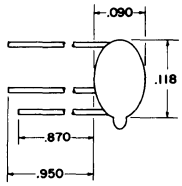

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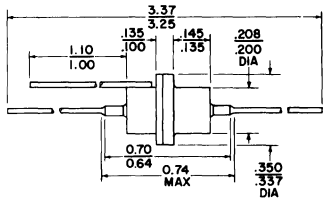

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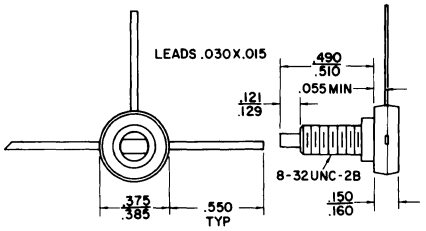

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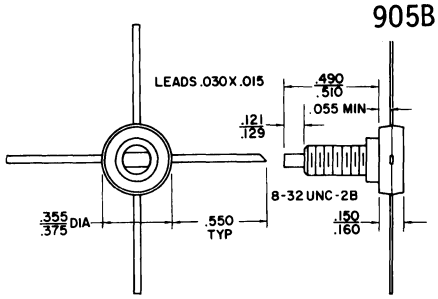

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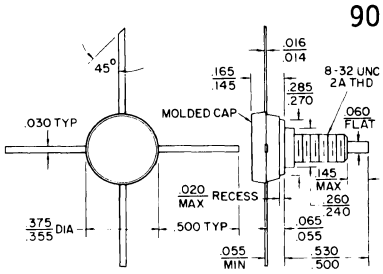

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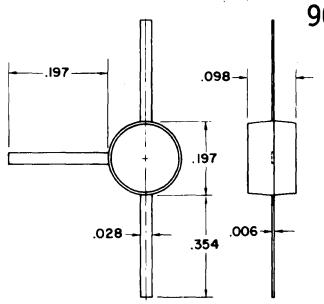

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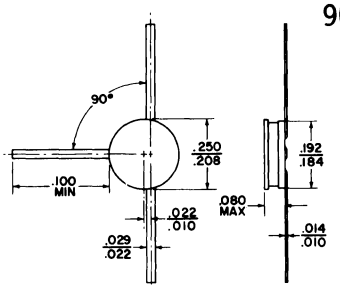

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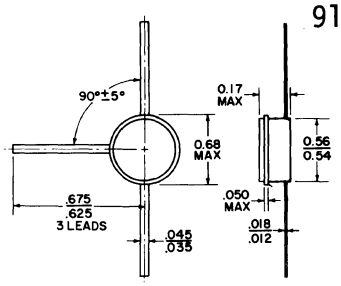

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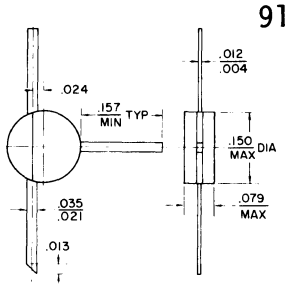

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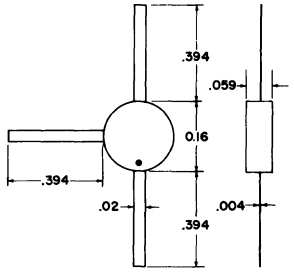

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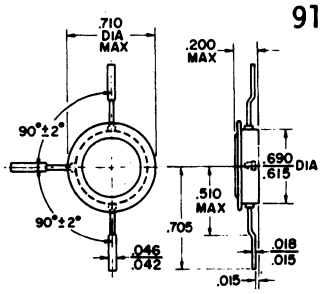

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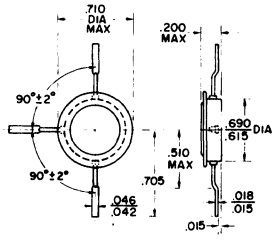

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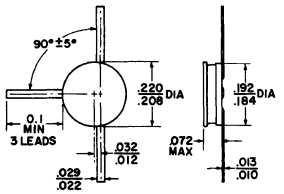

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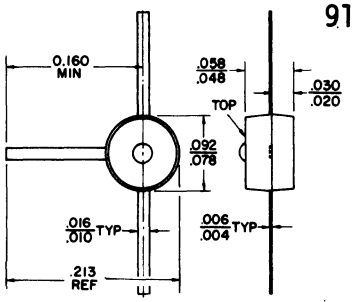

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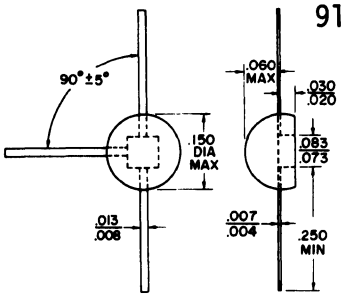

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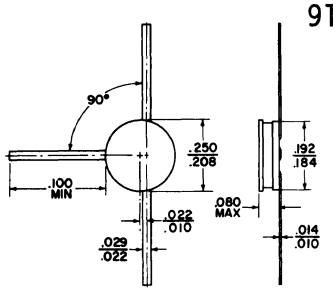

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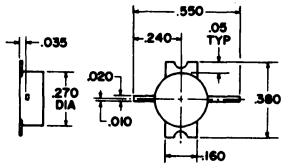

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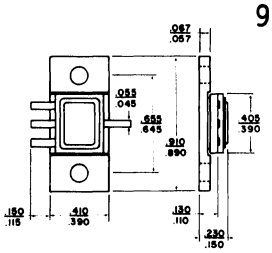

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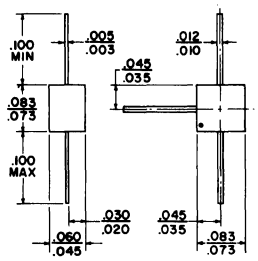

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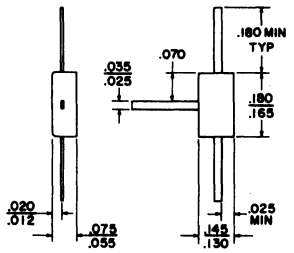

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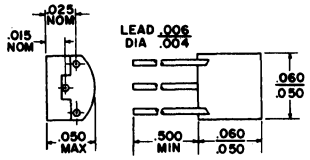

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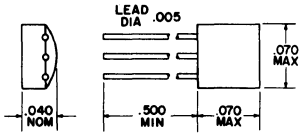

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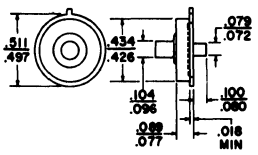

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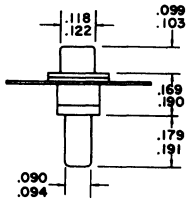

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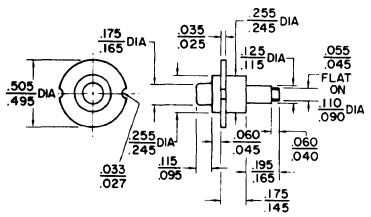

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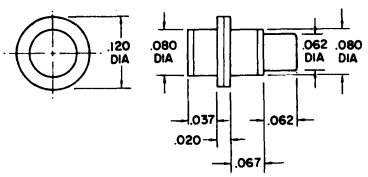

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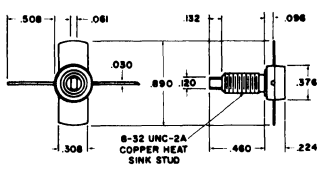

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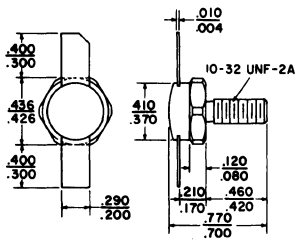

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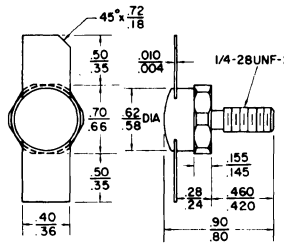

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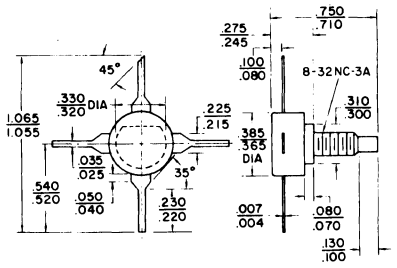

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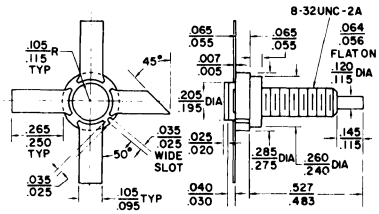

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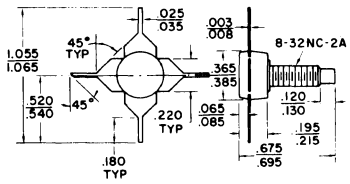

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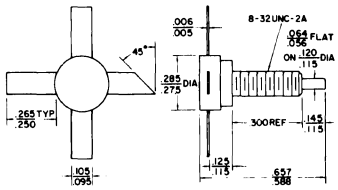

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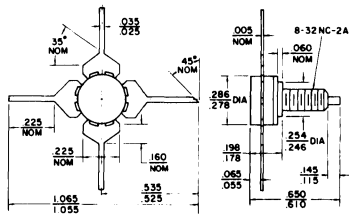

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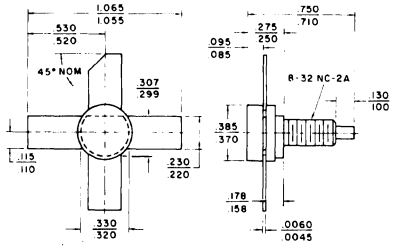

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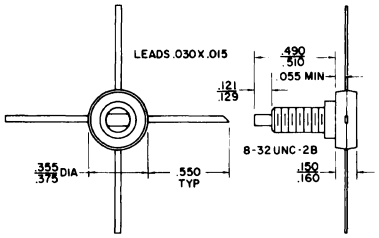

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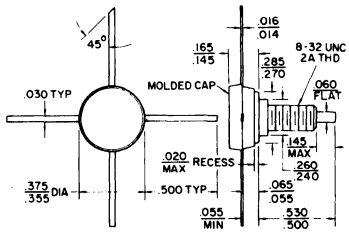

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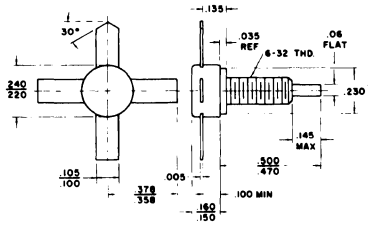

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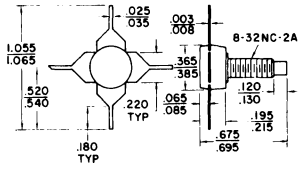

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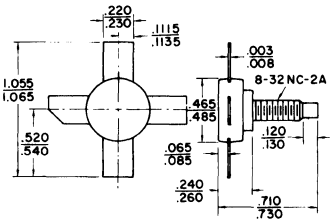

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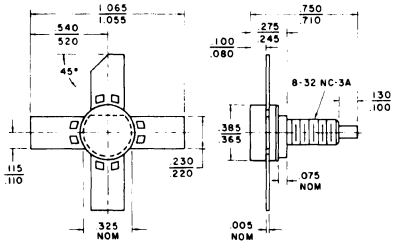

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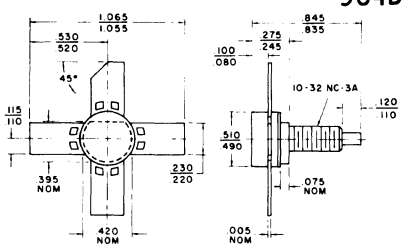

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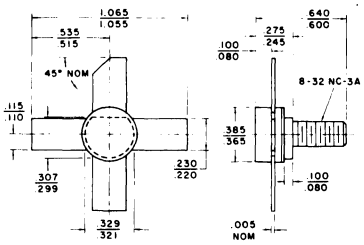

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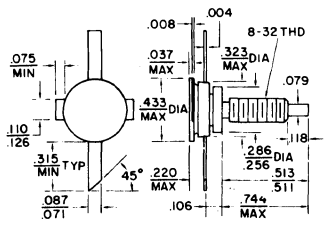

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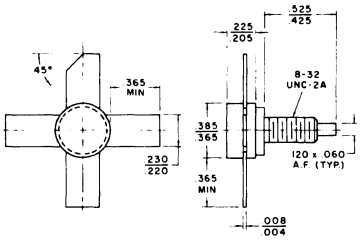

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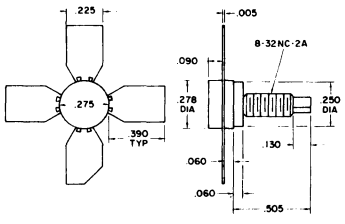

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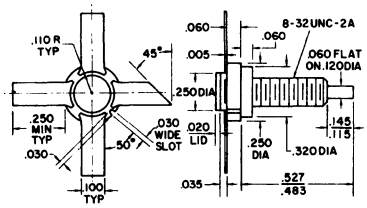

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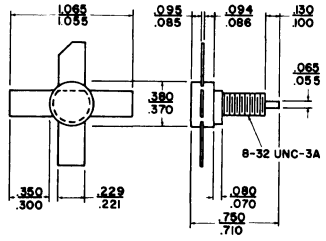

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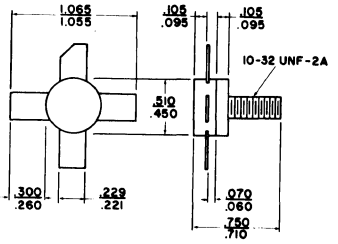

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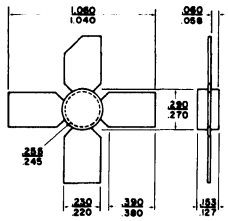

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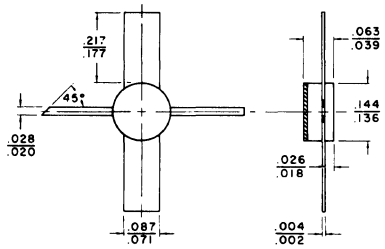

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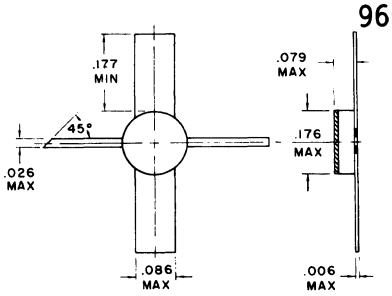

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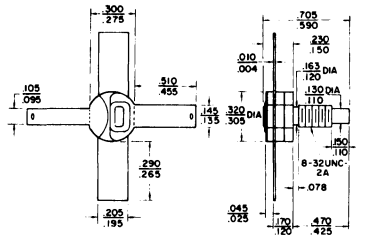

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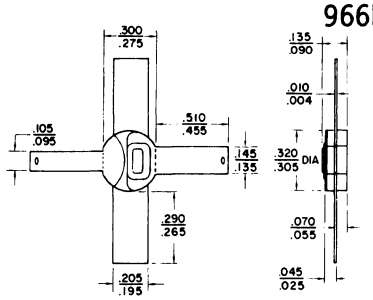

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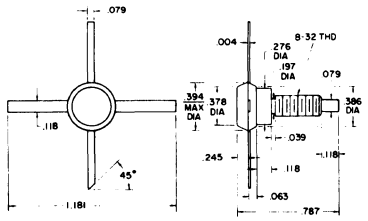

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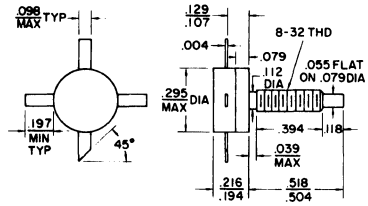

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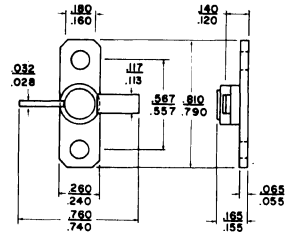

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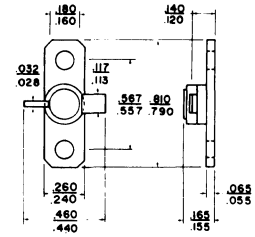

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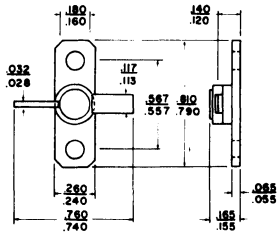

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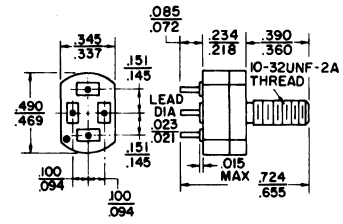

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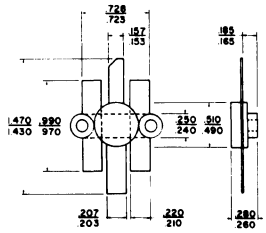

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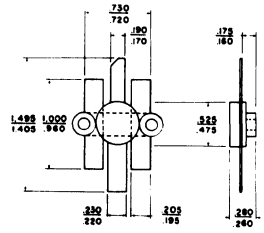

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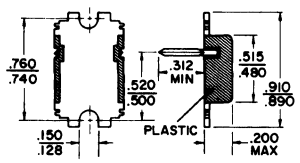

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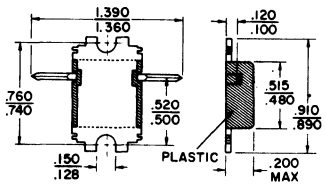

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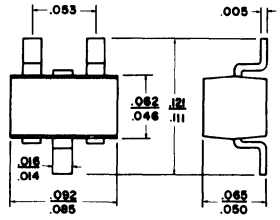

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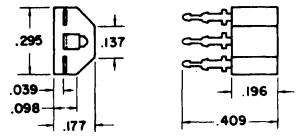

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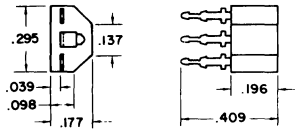

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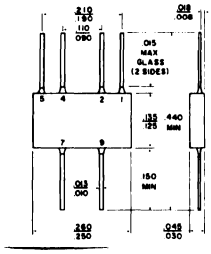

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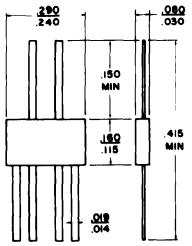

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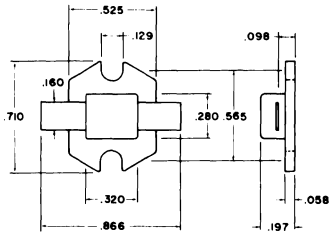

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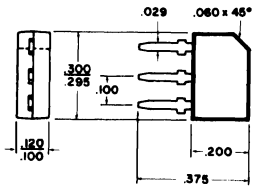

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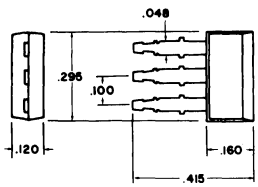

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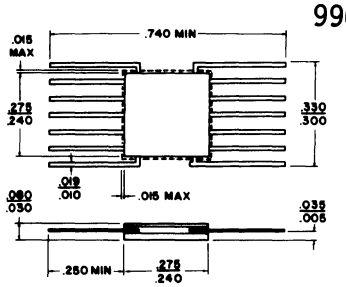


LEAD & TERMINAL IDENTIFICATION

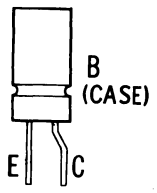
Lead and Terminal Identification

Identification of the leads or terminals of a semiconductor device is necessary before it can be connected into a circuit. A quick review of this section will show that it is nearly impossible to memorize which lead is the emitter, base, or collector.

Every transistor in this manual has a Lead Ident. number that corresponds to one of the diagrams in this section. These diagrams show the physical arrangement of the leads and terminals and identify each one as emitter "E", base "B", collector "C", or CASE. When the terminal is connected to both semiconductor and case, the designation shows both connections. For example, B(CASE) indicates that the base and the case are connected together. This is often ignored (but should not be) when a transistor is considered for inclusion in a circuit. Any one of the three terminals (E, B, or C) can be connected to the case; if the wrong terminal is so connected in some circuits, the frequency response can be affected. Also, this may place the case at the wrong potential, and an accidental short may destroy the transistor

It is essential to check the terminals of the transistor carefully, and to be sure they are identified correctly, before the transistor is connected in the circuit.

1



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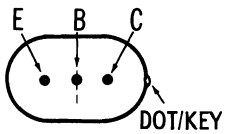

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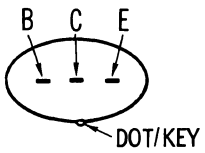

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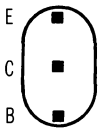

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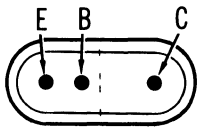

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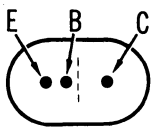

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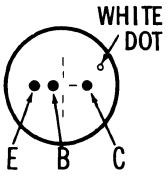

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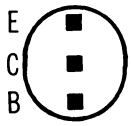

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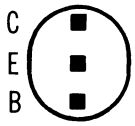

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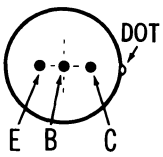

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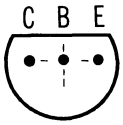

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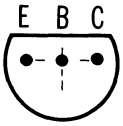

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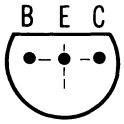

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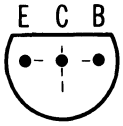

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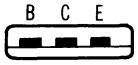

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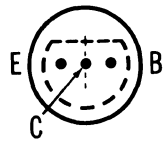

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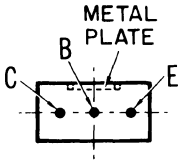

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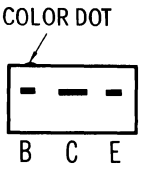

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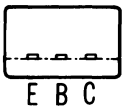

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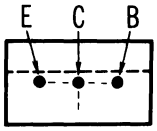

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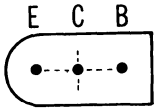

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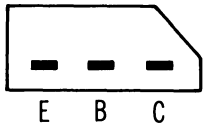

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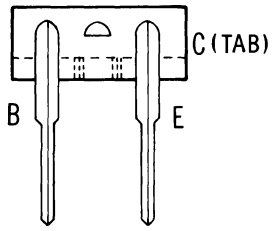

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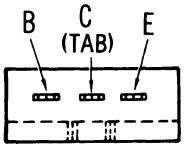

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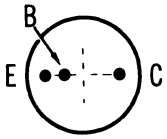

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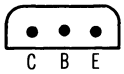

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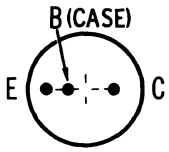

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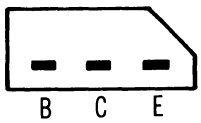

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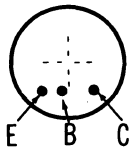

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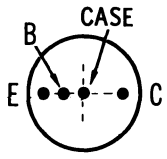

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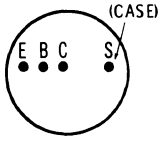

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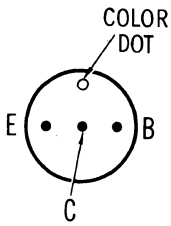

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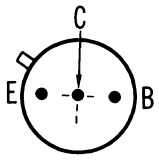

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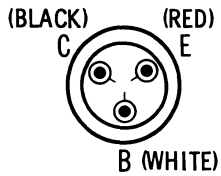

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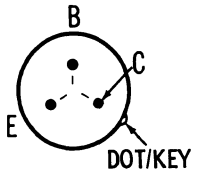

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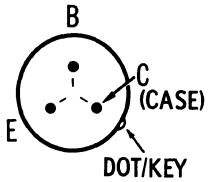

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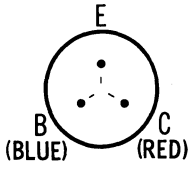

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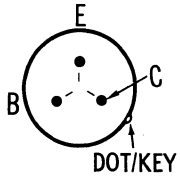

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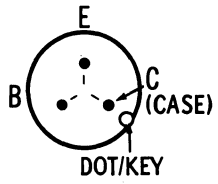

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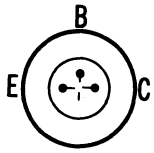

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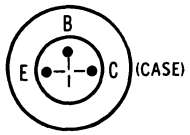

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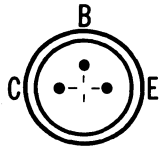

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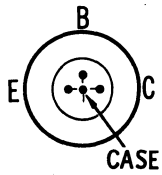

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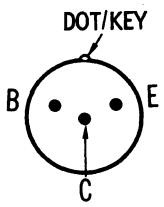

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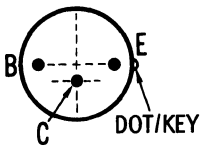

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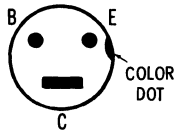

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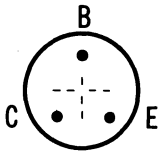

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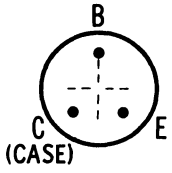

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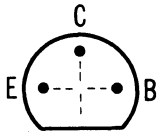

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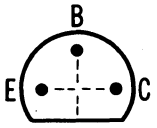

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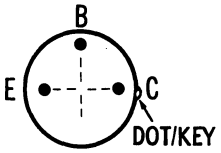

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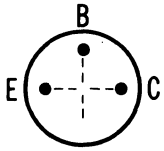

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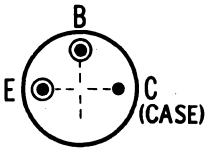

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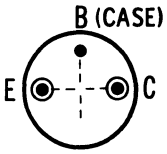

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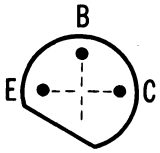

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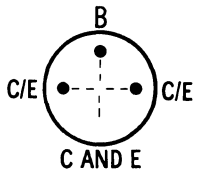

C AND E
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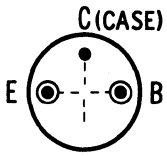

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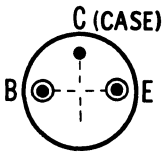

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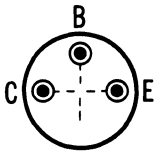

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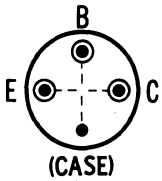

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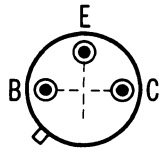

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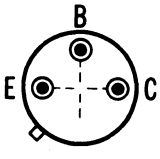

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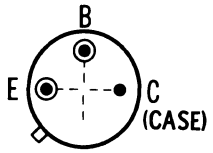

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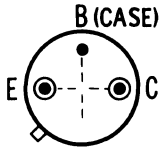

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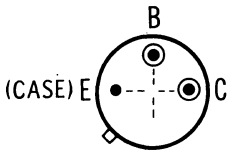

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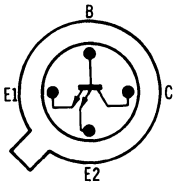

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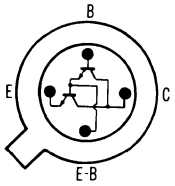

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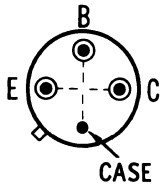

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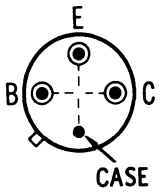

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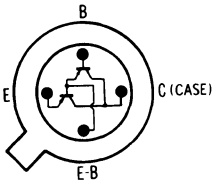

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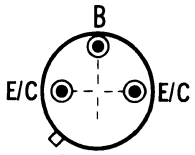

C AND E
INTERCHANGEABLE

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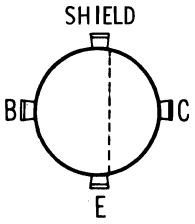

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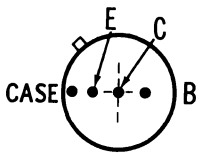

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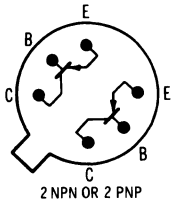

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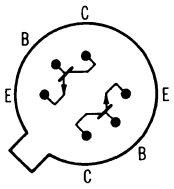

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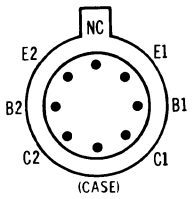

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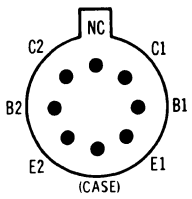

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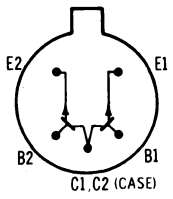

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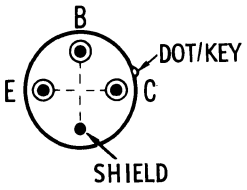

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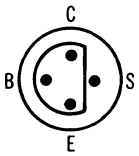

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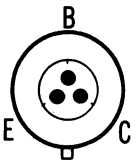

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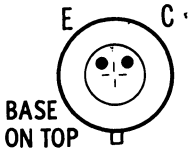

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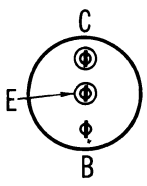

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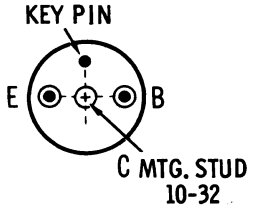

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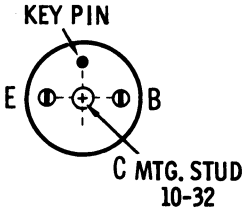

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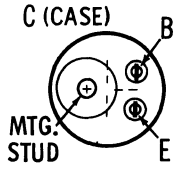

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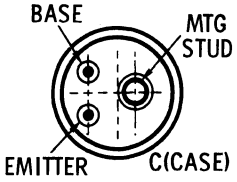

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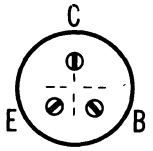

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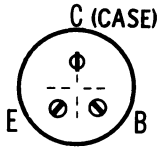

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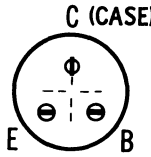

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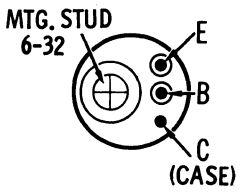

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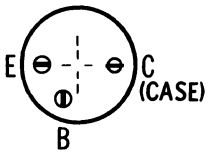

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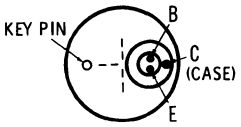

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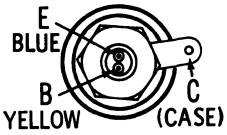

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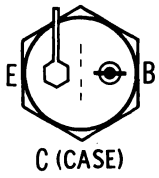

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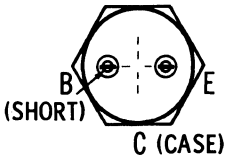

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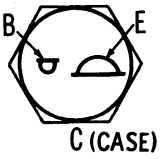

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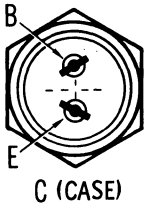

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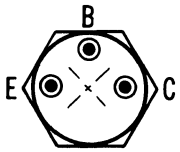

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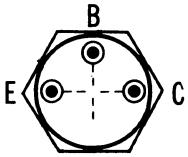

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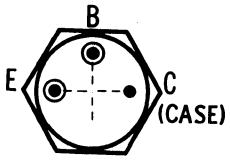

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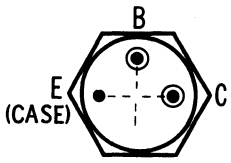

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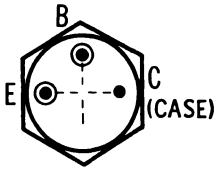

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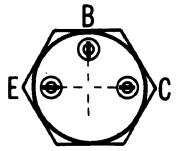

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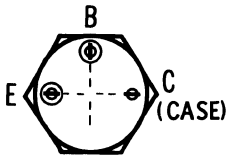

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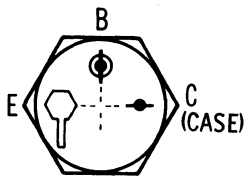

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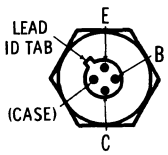

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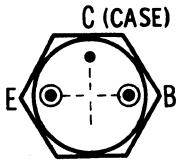

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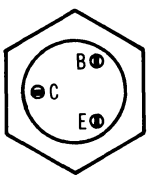

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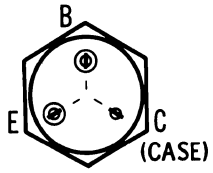

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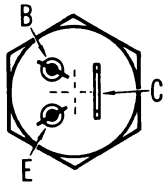

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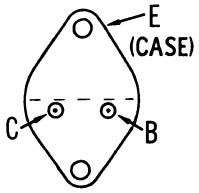

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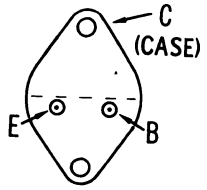

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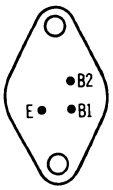

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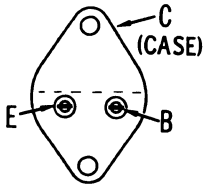

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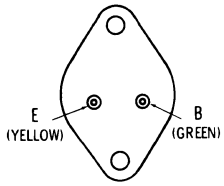

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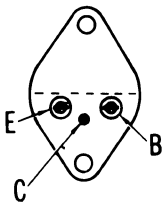

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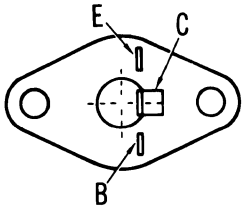

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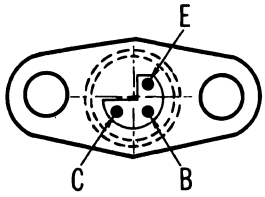

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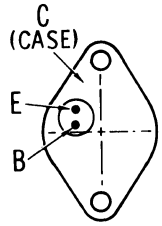

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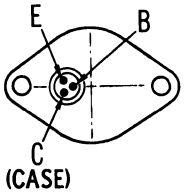

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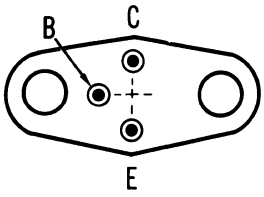

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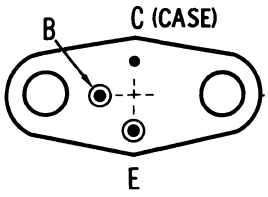

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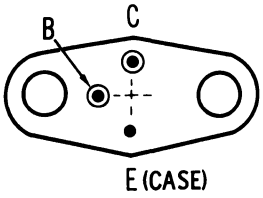

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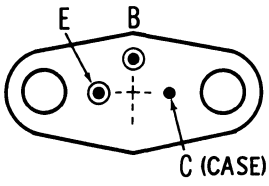

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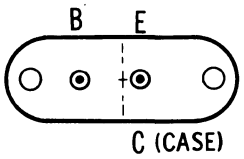

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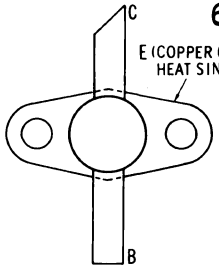

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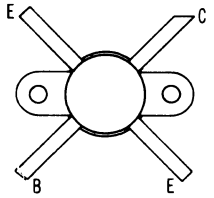

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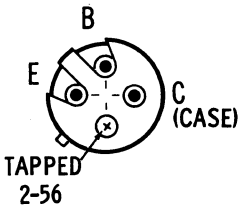

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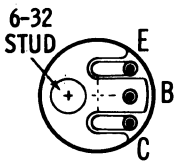

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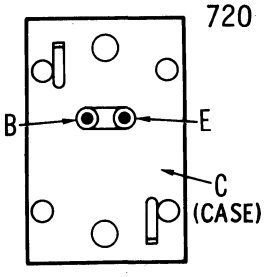

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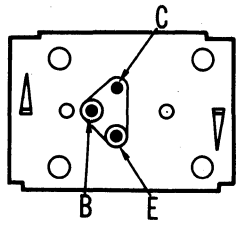

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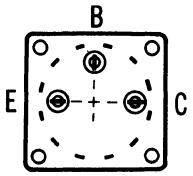

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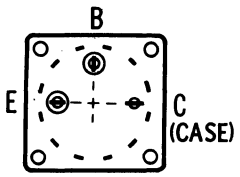

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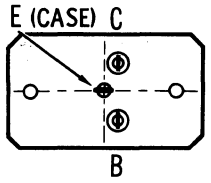

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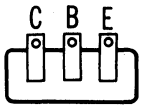

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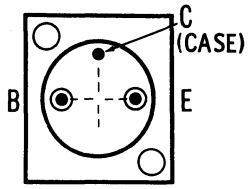

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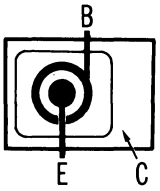

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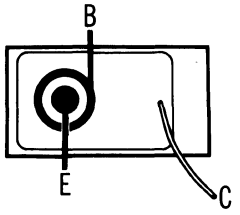

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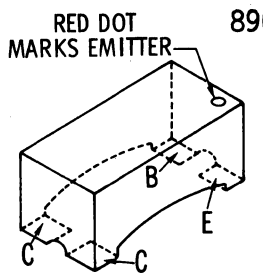

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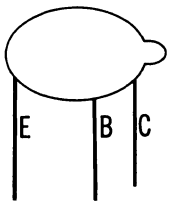

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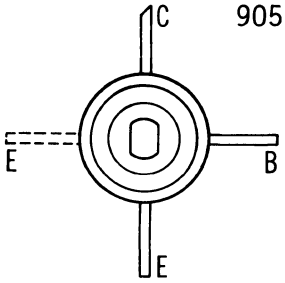

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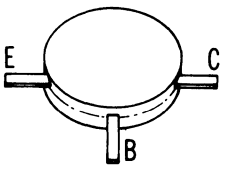

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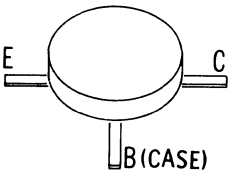

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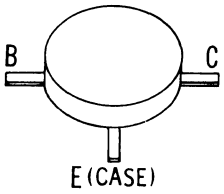

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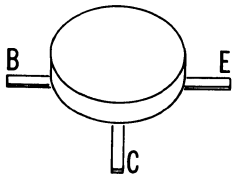

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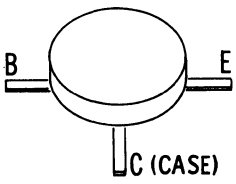

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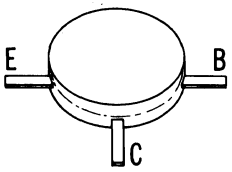

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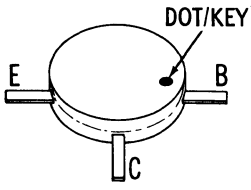

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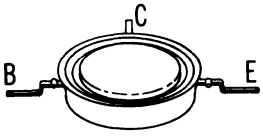

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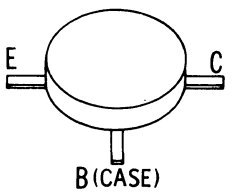

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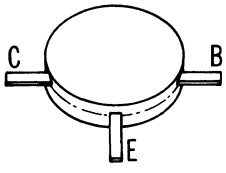

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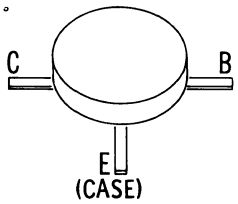

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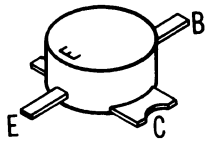

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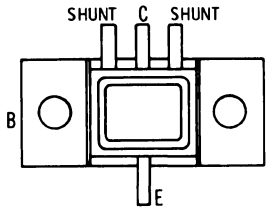

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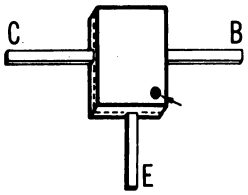

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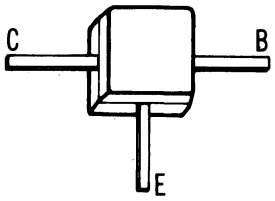

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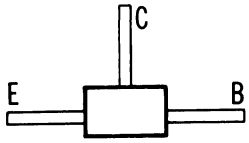

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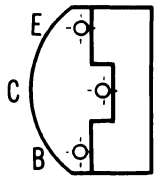

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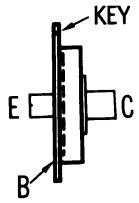

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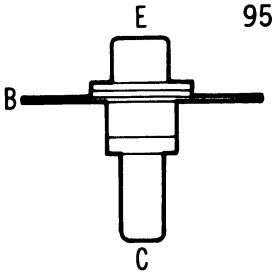

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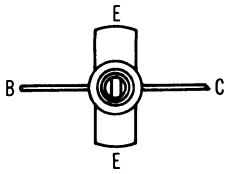

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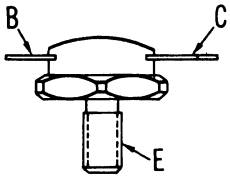

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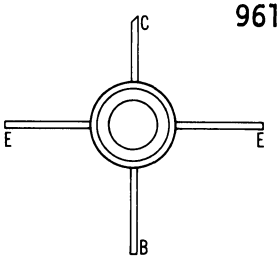

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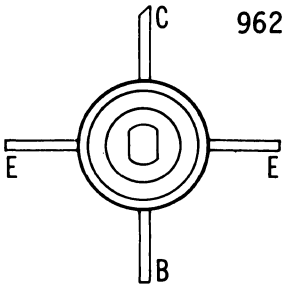

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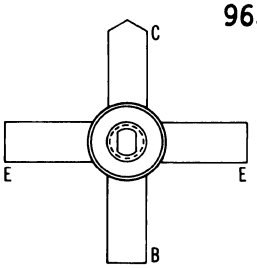

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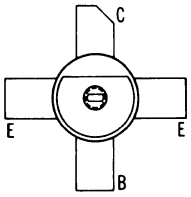

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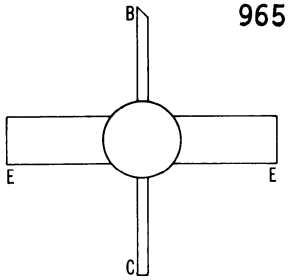

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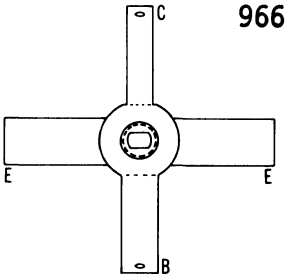

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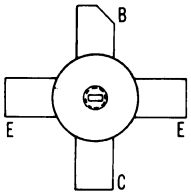

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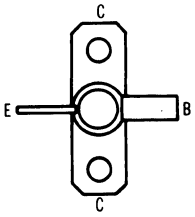

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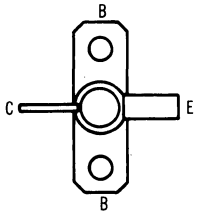

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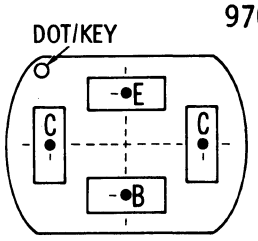

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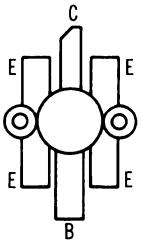

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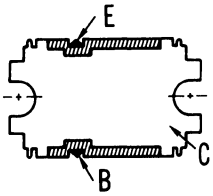

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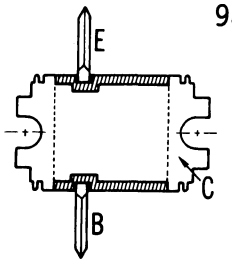

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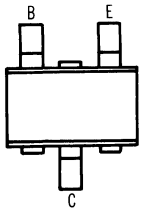

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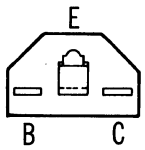

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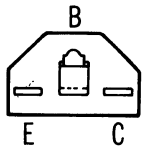

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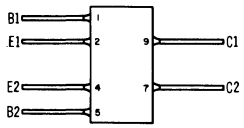

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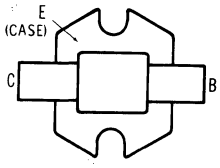

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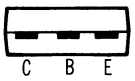

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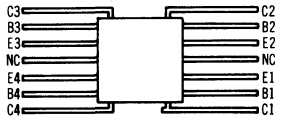

Transistor Specifications Manual

SEVENTH EDITION

Anyone who works with transistors is familiar with the difficulties involved in locating electrical and physical data for a specific transistor type. Unless the manufacturer is known and his published information is available, a long, and possibly fruitless, search can result. This manual has been compiled in order to alleviate these problems. It lists the electrical and physical parameters, along with the manufacturers, of over thirteen thousand transistor types.

For each bipolar transistor in this manual, the following specifications are given: the polarity (npn or pnp), maximum applied voltages (C_{CB}, V_{CE}, V_{EB}), power dissipation, collector current, operating frequency (f_{ab}, f_{ae}, f_{osc}, or f_t), collector cutoff current (I_{CBO}), and dc current gain (h_{FE}). A separate listing of rf power transistors includes design frequency, power output, power gain, and collector efficiency in addition to most of the previous specifications. The EIA registered TO outlines are shown. Where a nonstandard case is used, a dimensioned drawing is provided in a separate section. Transistors are keyed to diagrams that indicate the physical position of the emitter, collector, and base terminals. If there is an internal connection to the case, this is noted.

The manufacturers of each transistor type are shown. When available information indicates that the transistor type is no longer being made, the last known manufacturer is listed, and that transistor type is marked obsolete.

A large quantity of information has been condensed into this *Transistor Specifications Manual* so you can find what you need to know about nearly any transistor.

HOWARD W. SAMS & CO., INC.
THE BOBBS-MERRILL CO., INC.

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$5.95 (in Canada $7.25)